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BULLETIN OF THE UNIVERSITY OF ALBERTA

ANNUAL REPORT

on Extension Activities of the University
of Alberta



for the Year ending March 31st
1949

Published by
The Department of Extension, University of Alberta
Edmonton, August, 1949

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Annual Report on Extension Activities of the University of Alberta

For the Year Ending March 31st, 1949

Edmonton, April 30th, 1949.

Dr. Robert Newton,
President, University of Alberta.

Mr. President:

I have the honour to submit herewith the thirty-sixth Annual Report on Extension Activities of the University of Alberta for the year ending March 31st, 1949. The report gives a complete and detailed survey of the wide variety of educational activities participated in by members of the faculty in addition to their regular teaching and research responsibilities. Full statistical and other supplementary information is provided in the several tables which follow the introductory summary.

The increasingly important role of the University in community adult education is emphasized by the fact that each year more people are taking advantage of its facilities, and more time is being given to extension work. As an illustration, the amount of time given to extension work in the current year increased almost 25% over the previous year. The actual figures were 2,047 man-days in 1948-49 in comparison with 1,515 man-days in 1947-48.

The highlight of the present report is the significant increase in the number of extension short courses and classes held during the year. Altogether 54 short courses and classes were given in comparison with 22 in the previous year. Not only were more courses given but there were more of the longer courses which extended over periods of from 20 to 24 weeks. Outstanding among these were the courses in Mathematics and Accounting conducted in both Calgary and Edmonton in co-operation with the Society of Registered Industrial Accountants; the course in Choral Leadership conducted by Mr. Richard Eaton of the Department of Fine Arts, and the 22 extension classes in Art held in various centres in the province. All of these classes were conducted over a period of five months, and the quality of work accomplished was of a very high order.

It is also gratifying to record, for the second consecutive year, an increase in the number of extension lectures given. This is all the more interesting in view of the fact that last year's increase was almost 100% over the previous year. For the present year 1,008 lectures were given to audiences totalling 56,404, while comparable figures for 1947-48 were 946 lectures with a total attendance of 66,001.

The 16th annual session of the Banff School of Fine Arts was again one of the outstanding activities of the year. A total of 608 individual students were in attendance. This was the largest number of individuals ever accommodated at the School. In order to relieve the congestion at Banff, arrangements were made to extend the painting classes to Jasper, and 19 students were registered there. In addition to this, groups of 20 to 25 students from Banff went to Jasper for periods of a week at a time.

Another feature of the year's work was the programme of Community Life Conferences which are coming to fill an important role in the province's adult education activities. Five three to five-day conferences were held during July. These were at Lake Saskatoon, Bear Lake, and High Prairie in the Peace River country, and at Gooseberry Lake and Fort Assiniboine in the central part of the province.

The Extension Library has had the biggest year in its history. Circulation of books from the open shelf section increased by 7,328 over the previous year. Thirty-three (33) more travelling libraries were sent out, and children's book circulation increased by 50%. The Library staff also completed during the year the preparation for printing of a new up-to-date extension library catalogue entitled "All for the Asking." This volume contains the titles of some 30,000 books which are available for free circulation to readers anywhere in the province.

During the year over 20,000 reels of educational films were distributed to schools and community groups throughout the province, and the aggregate attendance at these film showings increased by 100,000 over the previous year. On the other hand, as the use of films has increased the use of still picture material such as lantern slides and film strips has steadily declined. One feature of the use of the educational film has been the organization of 15 branch libraries and circulating film exchanges in the province. Through the establishment of these branch libraries the University is able to give more efficient service at less cost to the user.

Of the total of 2,047 man-days given to extension work by members of the faculty, 557 days were given to the preparation and delivery of 730 lectures. This compares with 614 days and 760 lectures last year. In other words, slightly less time was given to this type of extension activity. On the other hand, 695 days were required to deal with extension correspondence compared with 380 days last year.

The amount of time given to extension interviews to people who came to the University seeking specialized information showed a marked increase over the previous year. The actual increase in time consumed was from 375 days in 1947-48 to 662 days in 1948-49.

Radio continues to occupy a good deal of the extra-curricular time of faculty members, and a total of 133 days were recorded as having been given to the preparation and delivery of 156 radio talks. There is a substantial decrease here from the year before when 151 days were devoted to the preparation and delivery of 223 talks.

As was suggested at the beginning, the highlight of this year's report is the large number of University extension courses which were given. It is felt that while all types of extension work are important, the greatest results are obtained through the use of either short and intensive courses dealing with a narrow phase of a particular field of knowledge, or through longer courses organized in a systematic manner and held regularly over a period of months. Both types are used by the University. The tendency has been to have the majority of courses of the three to five-day variety. However, the programme of the past year included quite a number which were either of 20 or 24 weeks' duration with classes meeting once or twice weekly.

A detailed analysis of all the extension activities carried on follows:

Short Courses.

During the year a wide range of extension courses and classes were organized and many of them were held at centres far removed from Edmonton. As will be seen from the types of courses offered, almost every faculty in the University was called upon to contribute, and in addition large numbers of non-faculty members with specialized skills and knowledge were called upon as well. The complete list of extension courses and classes is as given below:

- The 4th Refresher Course in Sanitary Inspection, April 12-17.
- The 1st Refresher Course in Recreational Leadership, May 3-15.
- The 1st Nurses' Institute on Guidance, May 5-7.
- The 2nd Short Course for Librarians of Small Libraries, May 25-28.
- The 30th Annual Farm Young People's Conference, June 3-10.
- The 6th Annual Refresher Course in Pharmacy, June 14-15.
- The 4th Annual Refresher Course in School Administration, June 15-17.
- The 10th Annual Refresher Course in Municipal Administration, June 16-19.
- The 7th Annual University Short Course and Co-Op. Conference, June 22-25.
- The 10th Annual Short Course in Painting at Lethbridge, May 17-29.
- The 3rd Annual Short Course in Painting at Medicine Hat, May 31-June 11.
- The 6th Annual Community Life Conference at Lake Saskatoon, July 3-6.
- The 2nd Annual Community Life Conference at High Prairie, July 7-9.
- The 1st Annual Community Life Conference at Bear Lake, July 10-12.
- The 8th Annual Community Life Conference at Gooseberry Lake, July 14-18.
- The First Community Life Conference and Field Day at Fort Assiniboine, July 21.
- The 16th Annual Banff School of Fine Arts at Banff, July 13-Aug. 21.
- The 3rd University and National Film Board Conference and Workshop at Banff, September.
- The 11th Annual Short Course for the Appraisal Institute of Canada, Jan. 24-26, 1949.

The 3rd Annual National Film Board and Film Library Institute at Edmonton, January.

The 2nd Semi-Annual Agricultural Short Course for Employees of Imperial Oil Co., Feb. 21-23.

Educational Film Utilization Workshops at Forestburg, Blairmore, Foremost, Medicine Hat, Lethbridge and Donalda.

An Institute on Ward Administration for nurses, March 29-31.

The following courses were carried on throughout the winter months of November to March, some meeting once a week and others twice:

A course in Choir Leadership, at Edmonton.

A course in Band Music, at Camrose.

A course in Accounting 1 and Business Mathematics, at Calgary.

A course in Accounting 1 and Business Mathematics, at Edmonton.

A short course in Drama, at Edmonton.

A short course in Drama, at Lethbridge.

A short course in Clothing for wives of Student Veterans attending the University.

A course in Child Psychology.

Twenty-two (22) extension classes in Painting were carried on for periods of from 20 to 24 weeks. Of these twelve (12) classes were held at the University and one each at the following ten points: Wetaskiwin, Ponoka, Lacombe, Lethbridge, Medicine Hat, Brooks, Vegreville, Jasper, Barrhead and Camrose.

Statistical Summary Showing Division of Time Given to Various Types of Extension Work.

A statistical summary showing the amounts of time given to the different types of extension work by the various faculties and departments is shown in Table I. The most notable features of this table are the substantial decreases in the total number of extension lectures given by the Faculties of Agriculture and Education, and by members of the Research Council. Offsetting these decreases is a substantial increase in the number of lectures given by the Faculty of Arts and Science. It should also be noted that while the time given to lectures by the Faculty of Agriculture decreased, the amount of time given to extension correspondence more than doubled, and that given to extension interviews increased by one-third.

The grand total of people recorded as having received or participated in some University extension activity, in the period under review, is 830,723. Of this number 770,170 are reported as having attended showings of educational films and slides. The remaining 60,553 were recorded as those who participated in extension lectures, field days, short courses and classes either at the University or at selected centres throughout the province.

TABLE I.—Statistical Summary of the number of Man-Days spent on University Extension Activities by Members of the University Staff, in the Academic Year, ending March 31st, 1949.

Faculty or Department	Man Days Extension Lectures		Man Days Radio Talks		Man Days Extension Corres.		Man Days Extension Interviews		Number of Radio Talks Given		Number of Lectures Given		Total Attendance at Lectures	
	48-49	47-48	48-49	47-48	48-49	47-48	48-49	47-48	48-49	47-48	48-49	47-48	48-49	47-48
Arts and Science, including School of Household Economics	207	142	56	71	129	158	84	112	58	112	441	260	10,511	15,940
Faculty of Engineering	13	36	2	20	10	20	18	6	2	6	22	51	1,700	7,525
Faculty of Medicine, including Schools of Pharmacy and Nursing	46	61	2	17	17	32	5	4	8	4	45	47	4,030	4,368
Faculty of Agriculture	154	215	23	205	466	312	228	37	46	117	124	117	13,815	14,432
Faculty of Education	91	142	30	67	61	129	40	48	39	276	71	276	4,545	7,416
Faculty of Dentistry	5	17	2	2	2	1	.....	.....	3	8	3	8	350	435
Faculty of Law	12	1	.....	.....	.....	.....	.....	.....	.....	10	10	1	800	100
University Library Staff	.....	.....	38	.....	.....	.....	.....	116	20	.....	.....	.....	.....	.....
Department of Extension, in- cluding Extension Library	N/A	N/A	N/A	N/A	N/A	N/A	N/A	36	49	.....	254	169	18,728	14,755
Research Council of Alberta	8	66	.....	.....	.....	.....	.....	.....	3	.....	3	17	450	1,030
Department of Physical Education	21	Not recorded	N/R	N/R	10	10	N/R	N/R	.....	N/R	35	N/R	1,475	N/R
Totals	557	680	151	380	695	662	375	259	235	.....	1,008	946	56,404	66,001

EXTENSION LECTURES

During the year 1,008 extension lectures were given by members of the University staff to audiences totalling 57,404. This compares with 946 lectures to 66,001 people in 1947-48, and 441 lectures to 32,147 people in 1946-47. From this it will be seen that the increase in the number of public lectures given in each of the last two years has been very substantial. A distribution of the lectures given by faculties and departments is shown in Table II.

TABLE II.—Summary of the Number of Extension Lectures given by Faculties and Departments in the Academic Year ending March 31, 1949.

	1948-49	1947-48	Comparison
Faculty of Arts and Science, including School of Household Economics	441	260	+181
Faculty of Engineering	22	51	— 29
Faculty of Medicine, including Schools of Nursing and Pharmacy	45	47	— 2
Faculty of Agriculture	124	117	+ 7
Faculty of Education	71	276	—205
Faculty of Dentistry	3	8	— 5
Faculty of Law	10	1	+ 9
Department of Physical Education	35	N/R	+ 35
Department of Extension	254	169	+ 85
Research Council of Alberta	3	17	— 14
Totals	1,008	946	+ 62

Members of the staff of the Department of Extension are engaged full time on extension work; therefore no breakdown of their time is shown other than for the number of lectures and talks given. These are shown in Table III.

TABLE III.—Record of Lectures given by the staff of the Department of Extension during the year ending March 31st, 1949.

	Lectures	Audiences	Radio Talks
Director	51	7,155	4
Assistant Professor of Extension	116	7,807	24
Agricultural Secretary	44	1,992	1
Lecturer in Extension	16	925	9
Extension Librarian	7	166	5
Supervisor, Division of Visual Instruction	20	683	6
Totals	254	18,728	49

The actual time recorded as having been devoted to extension work by the full-time teaching staff, exclusive of the staffs of the Department of Extension and the Research Council is shown in Table IV.

TABLE IV.—Record of Time Spent by members of full-time Teaching Staff on Extension Activities in the Academic Year ending March 31st 1949.

Expressed in Man-days	1948-49	1947-48	Comparison
Days devoted to Extension Activities	2,047	1,519	+528
Days devoted to preparation and delivery of lectures and demonstrations	557	614	— 57
Number of lectures	730	760	— 30
Days devoted to Extension Corres.	695	380	+315
Days devoted to Extension Interviews	662	375	+287
Days devoted to preparation and delivery of radio talks	133	151	— 18
Number of radio talks	156	223	— 67

During the year 235 radio talks were given in comparison with 259 in the previous year, a reduction of 24. The number given by each of the various faculties and departments is shown in Table V.

TABLE V.—Number of Radio Talks by members of the University Staff during the Academic Year ending March 31st, 1949.

	1948-49	1947-48	Comparison
Faculty of Arts and Science, including School of Household Economics	58	112	— 54
Faculty of Engineering	2	6	— 4
Faculty of Medicine, including Schools of Nursing and Pharmacy	8	4	+ 4
Faculty of Agriculture	46	37	+ 9
Faculty of Education	39	48	— 9
Faculty of Dentistry	3	.....	+ 3
Faculty of Law .....	.....	.....	.....
University Library Staff	20	16	+ 4
Department of Physical Education .....	.....	N/R	.....
Department of Extension	49	36	+ 13
Research Council of Alberta .....	.....	.....	.....
Totals	225	259	— 34

Exclusive of those given by members of the staffs of the Department of Extension, the University Library, and the Research Council of Alberta, the preparation and presentation of extension lectures, demonstrations and radio talks by members of the teaching staff involved the expenditure of 690 days' work as compared with 765 last year. As was pointed out earlier, however, this decrease was much more than compensated for by the greatly increased time given to extension correspondence and interviews.

THE STUDY GROUP PROGRAMME

Citizens' Forum.

The Department of Extension was again responsible for the organization in Alberta of the radio study group activities entitled "Citizens'

Forum," which is sponsored jointly by the Canadian Association for Adult Education and the Canadian Broadcasting Corporation.

Approximately 82 study bulletins were distributed weekly to members of Forum groups in Alberta and to other interested persons. Thirteen (13) Forums were formally registered in Alberta and sent in weekly reports of their discussions to the Department of Extension for summarization and presentation on the air.

The number of registered reporting groups continues to decline, a circumstance which is not peculiar to Alberta. Two factors have notably contributed to an acceleration of this decline during the year under review. The first is that any discussion programme broadcast on a Friday evening is not likely to command a large audience in rural or urban Alberta. This view was represented to the National Office of Citizens' Forum during the planning period, but it was not found possible to arrange with the CBC to offer any evening other than Friday. The second factor is the unsatisfactory coverage afforded by radio station CBX, which it is difficult to receive in certain areas of Alberta. In the Peace River district and in Southern and South-Eastern Alberta reception is so uncertain that any Citizens' Forum groups in these areas prefer to listen to Radio Station CBK, Watrous, Saskatchewan, and in consequence cannot be absorbed into Alberta's provincial framework of reporting.

Plays and Study Course Material.

During the year 40 sets of study material were sent to groups—23 in Co-operation, 9 in Credit Unions, and 8 in Child Psychology.

In the same period 445 copies of new Canadian Plays were sent out in comparison with 500 in the previous year. These mimeographed copies are sold at 15c per copy. Four new plays were added to the list through the Western Canada Theatre Conference.

In 1945 a course in Soil Mechanics and Concrete was held at the University, and the Proceedings were mimeographed. There has been a steady demand for copies of these Proceedings, and during the year 96 copies were sold to students and professional men in Canada.

DEBATING AND PUBLIC DISCUSSION

During the year 90 package libraries of debating material were sent out, in comparison with 120 sets in the previous year.

The demand for this service has been decreasing year by year, and the practice of debating has been replaced by group discussions such as the Citizens' Forum. University students make use of the debating material during the term, and clippings are supplied to supplement packages which are not up to date. A mimeographed list of subjects is available, but the Debaters' Bulletin has not been re-printed.

THE UNIVERSITY NEWS LETTER

The University News Letter is issued at intervals throughout the year when material likely to be of interest to the provincial press is

available. Approximately 350 copies of each issue are distributed to newspapers, radio stations, M.L.A.'s and other individuals and organizations likely to be interested in special news items from the University.

AGRICULTURAL EXTENSION AND PUBLICATIONS

As would be expected, the main burden of the agricultural extension work done by the University is carried out by members of the Faculty of Agriculture, although a certain amount is done by qualified members of the Department of Extension.

During the year members of the Faculty of Agriculture gave 124 extension lectures to audiences totalling 13,815. This compares with 117 extension lectures last year to 14,432 people. Full details of the way the time was expended are shown in Table VI.

TABLE VI.—Record of Extension Activities of the Staff of the Faculty of Agriculture for the year ending March 31st, 1949.

Expressed in Man-days	1948-49	1947-48	Comparison
Days devoted to extension activities	946	671	+275
Days devoted to the preparation and delivery of lectures and demonstrations	154	215	— 61
Number of lectures	124	117	+ 7
Days devoted to Extension Correspondence	466	205	+261
Days devoted to Extension Interviews	312	228	+ 84
Days devoted to preparation and delivery of Radio Talks	32	23	+ 9
Number of Radio Talks delivered	45	37	+ 8
Attendance at lectures	13,815	14,432	—617

The Faculty of Agriculture preserves a very close working relationship with the staff of the Provincial Department of Agriculture, and much of the University's agricultural extension work is carried on in association with the Extension Service of the Provincial Department. In the main the work consists of lectures and demonstrations at field days and short courses. However, an increasing number of organizations and communities are coming to the University directly to secure agricultural services. These are usually of a specialized nature and they supplement the more general work of the district agriculturists.

The Annual University Livestock Feeders' Day continues to be one of the highlights of the Faculty's extension programme, and each year leading stockmen from all over the province plan to meet at the University on Feeders' Day.

The agricultural extension activities of the Department of Extension are concerned mainly with the provision of special lectures and short courses; the distribution of agricultural publications, and the answering of hundreds of letters of inquiry on almost every phase of agriculture which come in each year.

In carrying out its programme of agricultural extension, the University has always had the most cordial assistance and co-operation from the Provincial and Dominion Departments of Agriculture, and from

the farm educational and commercial companies. The commercial companies have been most co-operative and have materially assisted through financial support for a number of extension projects. It is a pleasure to record our grateful appreciation to all of these bodies and to the personnel whose good-will and co-operation have greatly facilitated the University's work.

Agricultural Publications.

The year has been marked by an increasing interest in the improvement of the farm home and the social life of the rural community. Requests for house plans and plans for remodelling houses and, to a lesser degree, plans for barns and other farm buildings form a goodly portion of the 450 letters which were referred to other departments. In addition to these letters some 200 requests for specific information were answered by the agricultural secretary.

In the period under review approximately 1,400 requests for agricultural publications were received and dealt with. This is a decrease from the previous year when 2,500 requests were received.

In the same period 16,208 bulletins, circulars and leaflets, dairy cattle and swine barn sheets and soil maps were sent out. This is in comparison with 13,523 in the previous year. In addition to the foregoing, approximately 500 copies of publications received from the Department of Agriculture were sent out.

The following publications were revised and re-printed during the year:

Bulletin No. 9.—Rope Work on the Farm.

Bulletin No. 22.—Swine Production in Alberta.

Bulletin No. 24.—Insect Pests of Grain in Alberta.

In addition three bulletins were authorized in the 1948-49 estimates, but are not yet off the press. They are:

Rev. Ed. Bul. 41—Care and Feeding of Dairy Cattle.

New Bul. 51—Soil Survey Report of the Red Deer Sheet.

New Bul. 52—Sheep Production in Alberta (replacing Bulletin No. 19).

Two special bulletins were printed during the year, one on "The Ten-Year Cycle" by Dr. Wm. Rowan of the Department of Zoology, and one "Collecting and Identifying Plants," by Dr. E. H. Moss of the Department of Botany. Dr. Rowan's pamphlet was exhausted in a matter of weeks and a second enlarged and revised edition was brought out in August, 1948. Dr. Moss' pamphlet has filled a long felt need, and it is hoped that more pamphlets dealing with special subjects may be made available.

Since the publication of agricultural bulletins commenced, 559,900 bulletins, circulars, leaflets, Cattle and Swine Barn Sheets, and Soil Maps have been printed and 469,162 distributed through the Department of Extension. All bulletins are free to residents of the province and to a special mailing list.

The first post-war rural community survey made by this Department was conducted in the Sangudo territory. The questionnaire revealed

interesting shifts in social groupings as a result of new market roads, rural mail delivery, and consolidation of schools. It also revealed the formation of regrettable pockets where people formerly able to share in local social activities found themselves unable, because of distance and other factors, to participate in the larger social gatherings held in centres further from their homes.

A radio was found in every rural home visited, and there was a marked increase in the number of newspapers and magazines as compared with the number found in certain pre-war and early war surveys.

Press Bulletins.

During the period covered by the report, 10,000 copies of the Press Bulletin "Seasonal Notes" by the Department of Plant Science, were sent to the mailing list. Another Press Bulletin on "The Feeders' Day Programme" was prepared by the Department of Animal Science, and the circulation of this bulletin was 2,000.

CONFERENCES AND SHORT COURSES

A brief note on each of the most important short courses, conferences and classes, is included in order that the record may be complete.

Refresher Course in Sanitary Inspection.

The fourth annual Refresher Course in Sanitary Inspection was held at the University from April 12th to 17th, 1948. This course was sponsored by the Sanitary Inspector's Section of the Alberta Public Health Association, in co-operation with the Faculty of Agriculture and the Department of Extension of the University of Alberta. The attendance was 26 in comparison with 16 last year.

Those taking part in the programme and the topics discussed included the following:

Dr. G. M. Little—The Sanitary Inspector.

Dr. H. Siemens—The Sanitary Inspector's Approach.

Mr. H. Graham—Preparation of Media (with demonstration).

Mr. P. Watson—Hotel Inspections.

Mr. H. Merrick—What the Restaurant Operator Expects of the Sanitary Inspector. What the Sanitary Inspector Expects of the Restaurant Operator.

Demonstration—New Dishwashing Machine. (Swabs taken). Model Handwashing Set-up. (Swabs taken).

Factory Representative—Discussion of Dishwashing Machine.

Mr. J. E. Smith—A Quaternary—Ammonia Compound.

Dr. R. M. Shaw—Sterilization of Dishes.

Dr. H. Siemens—"Let's Let the Public Police Our Restaurants."

Dr. D. E. Ballantyne—Bang's Disease in Dairy Cattle.

Dr. J. B. Linneboe—Mastitis.

Dr. H. R. Thornton and Prof. F. W. Wood—H.T.S.R. Pasteurization.

N.A.D.P.—Demonstration of H.T.S.T. Pasteurizer and other new dairy plant equipment.

B. Meredith—"Routine Milk Tests."

Mr. L. E. Stewart—Tourist Camps.

Mr. H. J. Brown—New Methods of Pest Control.

Mr. P. H. Boutillier—Rural Sewage Disposal: Septic Tanks and Disposal Fields.

Mr. H. A. Ripley—Outline of Procedure in Undertaking Waterworks or Sewage Disposal Projects.

Mr. L. E. Thorssen—Cement (Preparation of ground, mixtures, water-proofing, painting).

Mr. L. E. Stewart—Industrial Camps.

Mr. J. Forester—Water Analysis.

Round Table Discussion—By Dr. M. R. Bow, Mr. W. S. Gray, Dr. G. M. Little, Mr. D. B. Menzies, and Dr. H. Siemens.

Short Course in Recreational Leadership.

In co-operation with the Health and Recreation Branch of the Department of Education and the Edmonton Recreation Commission, a course in Recreational Leadership was offered between May 3rd and 15th, 1948, primarily for the benefit of men and women responsible for supervising playgrounds and organizing community recreation in the cities and towns of Alberta during the summer months.

There were 26 registrations, 25 of which came from Edmonton and one from Lethbridge.

The course included Music in recreation, part songs, group singing and singing games; games, sports and competitions; elementary sketching and creative use of materials and ideas; elementary weaving and woodwork, folk dancing; the theory of group work and play; and elementary dramatics and story telling. Instructors included Miss Patricia Austin, Mrs. Fred Bentley, Mrs. Norah Clark, Mr. John Farina, Professor H. G. Glyde, Miss T. M. Johnson, Mrs. R. Kasting, Mr. A. V. Pettigrew, Mr. J. H. Ross, Prof. J. B. Taylor, Prof. M. Van Vliet, and Mr. S. Wessel.

Institute on Guidance (for Nurses).

The first Institute on Guidance, under the joint direction of the School of Nursing, the Faculty of Medicine, and the Department of Extension, was held at the University from May 5th-7th, 1948, with an attendance of 125.

The aim of this course was to bring to each nurse the fundamental principles of guidance in order that she might apply them in her everyday work.

The addresses of welcome were given by Dr. J. J. Ower, Dean of the Faculty of Medicine, and Miss Helen E. Penhale, Director, School of Nursing at the University. Speakers during the course and their subjects were as follows:

Prof. G. M. Dunlop—The Teaching and Learning of Skills and the Application to Nursing, and The Psychology of Adjustment.

Dr. Olav Rostrup—Body Mechanics in Nursing.

Mr. W. R. Wagner—Implications of Personnel Work.

Miss Margaret Dick—Counselling: What, Why and How?

Miss E. Bell Rogers—Counselling: A Function of Staff Programmes.

Miss M. A. Evans—Appraising the Nurse's Growth in Skills by use of Records, Evaluation Forms, Performance Ratings, and Guidance Programmes in Nursing.

Miss Jean S. Clark—The Development of Professionally Desirable Personality Traits.

Prof. Helen E. Penhale and Asst. Prof. Madeline L. McCulla—Supervision of Nursing Personnel: the Student Nurse; the Graduate Nurse.

A panel discussion on "Evaluating the Effectiveness of Guidance and Supervision in Nursing" was conducted by Miss F. McQuarrie, Miss E. Bietsch, and Miss M. Cogswell.

Short Course for Librarians of Small Libraries.

A second Short Course for Librarians of Small Libraries given by the Department of Extension and the Alberta Library Association, was held for librarians in Northern Alberta, at the University, May 25th-28th, 1948. Librarians from Edmonton libraries were in charge of lectures and discussions, and the fares of delegates were paid by the Alberta Library Board.

The attendance of 12, though not high, was fairly satisfactory and made up in enthusiasm what it lacked in numbers. Started as an experiment in 1947, the course was considerably improved in the second year. It lasted for three days instead of two as in 1947. Additional instruction was given in Boys' and Girls' Work, and students were able to attend the annual meeting of the Alberta Library Association held in Edmonton the same week. More and better printed material was made available, each student being given copies of the Alberta Library Board's printed lists and Repair Manual, and the Pictorial Library Primer, a book on simple library procedures.

Lectures were given on "The Library and the Community," Reference Work, Boys' and Girls' Work, Book Selection, Book Repair, and Library Materials and Techniques.

The 30th Annual Farm Young People's Conference.

The 30th Annual Farm Young People's Conference was held at the University from June 3rd to 10th inclusive. The registration was substantially reduced from the previous year because of an abnormally late spring. Altogether 49 girls, 72 boys and 4 leaders were in attendance, making a total of 125 in comparison with 222 in the previous year.

The programme was under the direction of the Department of Extension in co-operation with the Faculty of Agriculture, the Department of Home Economics, and the School of Nursing.

In addition to the regular courses in agriculture, home economics and home nursing, an alternative course in Community Leadership was offered for those delegates who had attended previous conferences. Recreational activities were well organized and included community

singing, an organ recital by Prof. R. S. Eaton, a theatre party, and organized games and sports.

Special speakers included Dr. E. J. Thompson, Principal of St. Stephen's College, who gave the special period of "Morning Thoughts" most acceptably, and Miss LaPrile Low of the Women's Division of the Provincial Department of Agriculture. Miss Low also acted as general supervisor and counsellor to the girls. Mr. A. S. R. Tweedie of the Department of Extension, acted as Dean of the Boys.

Approximately \$450.00 in scholarships and prizes were contributed by the Provincial Department of Agriculture, the Alberta Wheat Pool, the United Grain Growers, the U.F.A. Central Co-operative Association, the Alberta Livestock Co-operative, the U.F.A. and U.F.W.A., and our sincere thanks are extended to these organizations. Mr. Jack Marshall again generously provided a silver cup for competition in the Field Day, and the Edmonton Branch of the Canadian Handicrafts Guild provided a scholarship to the value of tuition fees in the Handicraft section of the Banff School of Fine Arts.

The Alberta Wheat Pool again made a fine contribution by paying the major portion of the delegates' expenses for those selected from 35 Wheat Pool districts. They also supplied badges and pencils for the students, while the United Grain Growers contributed note pads.

The Camrose Canadian, one of Alberta's most community-minded weekly newspapers, made a splendid contribution by paying the expenses of four delegates from the Camrose district. All of these contributions were very much appreciated, and greatly aided a most successful conference.

Refresher Course in Pharmacy.

The School of Pharmacy again organized the annual refresher course held in conjunction with the annual meeting of the Alberta Pharmaceutical Association. The lectures were presented in the Macdonald Hotel in Edmonton on June 14th and 15th, and were as follows:

Dr. J. W. Neilson, Dept. of Dentistry, University of Alberta—"The Inter-Relationship between Pharmacy and Dentistry."

Dean W. C. MacAulay, Department of Pharmacy, University of Saskatchewan, Saskatoon, Sask.—"Newer Pesticides."

Mr. R. S. Bond, National Cash Register Co.—"The Etiquette of Selling."

Dr. P. Talbot, Provincial Veterinarian—"Diseases of Animals."

Mr. Orval Allen—"The Camera Department of the Modern Drug Store."

Dr. M. J. Huston, Director, School of Pharmacy, University of Alberta—"Treatment of Stomach Disorders."

The attendance at this course was 75.

As a further service to druggists, the School of Pharmacy in co-operation with the Alberta Pharmaceutical Association, published four bulletins on recent advances in Pharmacy, for distribution to all the pharmacists in the province.

The 4th Refresher Course in School Administration.

The fourth Refresher Course in School Administration, under the direction of the Department of Extension, in co-operation with the Alberta Divisional Secretary-Treasurers' Association and the Department of Education, was held at the University from June 15th-18th, 1948, with an attendance of 73.

The annual meeting of the Secretary-Treasurers' Association was held on the first morning, and in the afternoon Dr. J. MacDonald, Dean of the Faculty of Arts and Science, gave the official welcome on behalf of the University. The Hon. Ivan Casey, Minister of Education, brought greetings from his Department, while Mr. H. E. Spencer spoke for the Alberta School Trustees' Association, and A. P. Grant for the Alberta Divisional Secretary-Treasurers' Association.

Topics of interest to School Trustees, Divisional Secretaries, and other officials of rural school divisions and urban school boards included: "Buildings—Contracts, Architecture and Material," with special attention given to the construction of three-room, or larger schools and to office buildings"; "The Revised Teachers' Pension Scheme"; "Book-keeping Methods"; "Dormitory Supervision"; "Composite High Schools"; "Bus Transportation"; "Bus Ownership and Financing" (a panel discussion); "Public and Separate School Requisitions and Assessments"; "Relation of Education to Taxation"; "Provincial Salary Schedules"; "1948 Amendments to the School Act"; "Function of the School Book Branch." The Faculty of Education period under the direction of Dr. M. E. LaZerte, dealt with "The Implications of the Canadian Education Association's Study of Canada's Teaching Personnel" and "The Work of the Faculty of Education in the Clover Bar School District."

A Proceedings of the course was prepared, and delegates wishing mimeographed copies could obtain same at a cost of \$1.50 per copy.

The 10th Annual Refresher Course in Municipal Administration.

The tenth annual Refresher Course in Municipal Administration, under the sponsorship of the Department of Extension, in co-operation with The Alberta Association of Municipal District Secretary-Treasurers and the Department of Municipal Affairs, was held at the University from June 16th-19th inclusive. The attendance was 70 in comparison with 60 in the previous year. The 28th annual Convention of this Association was held at the same time.

The Hon. C. E. Gerhart brought greetings from the Department of Municipal Affairs, and Mr. Jonathan Wheatley spoke for the Alberta Association of Municipal Districts. Dr. J. MacDonald gave the official welcome on behalf of the University.

The programme included a discussion by Mr. J. E. Brownlee on "The Legal Status of the Agricultural Service Board." The Blue Cross Plan for Hospital Services was outlined by Dr. A. C. McGougan. Dr. Roy Anderson dealt with "The Proposed Health Insurance Plan," and W. E. Zinkan explained the "Amendments to the Town Planning Act." Other topics included "Public and Separate School Requisitions and

Assessments" by H. E. Balfour; "Relation of Education to Taxation" by J. W. Judge; "Road Bans in Municipal Districts," by J. McQueen, and "Municipal Statistics and Accounting" by J. H. Lowther. One afternoon session was under the direction of the Department of Municipal affairs, with J. W. Judge presiding, and the topics discussed were: "Personal Property Assessment," "Public Works Expenditures" and "Budgets and their Observance."

The annual banquet was held at the Corona Hotel, the guest speaker being Prof. L. E. Gads who spoke on "Impressions of Post-War Berlin." The following comment was made by the Secretary of the Association at the close of the course:

"Your staff left no stone unturned to do everything for us which lay in their power. Everyone is loud in their praise of the Proceedings."

Each year Proceedings of the course are mimeographed and copies supplied to those who pay the necessary fee.

The 7th University Short Course and Co-operative Conference.

The seventh University Short Course and Co-operative Conference, under the direction of the Department of Extension and the Provincial Committee on Co-operative Education, was held at the University on June 22nd-25th, 1948, with an attendance of 57.

The course was devoted to an intensive and practical discussion of the principles, practices and management of the various co-operative organizations in the province, and to a consideration of problems which affect the general welfare of the co-operative movement.

The guest speaker was Mr. Wallace J. Campbell, Educational Director, Eastern Section, Co-operative League of the U.S.A. Others assisting in the programme were: F. R. Gale, of the Calgary Power Company, who spoke on "Rural Electrification and Co-operatives"; Dr. R. J. Hilton who conducted a tour of the University, and Norman F. Priestley who spoke on "Investing Capital in Co-operatives." A symposium on "Essentials in the Co-operative Educational Programme" was participated in by Archbishop J. H. MacDonald, Miss Eileen Birch, Mr. Sylvan O. Hillerud, and Mr. Campbell. Mr. L. D. Nesbitt, Director of Public Relations, Alberta Wheat Pool, gave a talk on "Co-operatives and Public Relations" and this was followed by a panel discussion on "Co-operatives and Youth" led by A. N. Gibson, W. Scarth, and Douglas Thornton.

A new departure was a special session for women under the direction of Miss Maimie S. Simpson, Adviser to Women Students at the University, who spoke on "Understanding the Teen-age Boy and Girl."

The summer conference was another departure taken with the idea that more people would participate in the Conference. This assumption would not appear to be warranted by the attendance of 57 which was less than the attendance at the previous winter conferences.

The 10th Annual Extension Class in Painting—Lethbridge.

An extension class in painting was held at Lethbridge under the direction of Mr. J. B. Taylor, for the period May 17th to 29th. There

was a registration of 14 students, and classes were held in the Lethbridge Y.M.C.A. Classes met on location from 5:00-7:30 each day and then came into the Y.M.C.A. lecture hall for lectures and criticism during a further two-hour period.

An exhibition of class work was held on May 29th in the lounge of the Y.M.C.A., and over 40 paintings, all suitably framed or matted, were on display. These paintings included still life, portrait and landscape subjects in both water color and oils. Throughout the course there was a fine spirit of friendship and co-operation. Much credit for the efficient manner in which the course was organized and conducted must go to Mr. E. P. Henson, local secretary of the Y.M.C.A., and to Mr. Feirs, who has been a leading spirit in Lethbridge art circles for a number of years.

The 3rd Annual Extension Class in Painting—Medicine Hat.

Through the co-operation of the Medicine Hat Branch of the Canadian Federation of Artists, arrangements were made to hold a third extension class in painting at Medicine Hat, from May 31st to June 11th. Instruction was provided for the first week by Mr. J. B. Taylor, and for the second week by Mr. H. G. Glyde.

Classes were arranged to be held from 9:00-11:30 a.m. daily, and from 4:00-6:00 p.m. every afternoon. The morning class was attended mainly by high school students.

Most classes were held outdoors but each Tuesday and Thursday classes were held indoors for the purpose of giving demonstrations on landscape painting and lectures on picture construction.

During his time in Medicine Hat, Mr. Taylor gave two lecture demonstrations on painting in the Alexandra High School. The total attendance at the Medicine Hat class was 15 students.

Community Life Conferences.

Community Life Conferences were held during July, 1948, at the following centres, with the attendance listed:

	Attendance
Lake Saskatoon Island, July 3rd-6th	169
High Prairie, July 7th-9th	111
Bear Lake, Berwyn, July 10th-12th	233
Gooseberry Lake, July 14th-18th	186
Fort Assiniboine, July 21st	96

Leadership at these conferences was provided by Dr. C. F. Bentley, Professor L. E. Gads, Mr. S. O. Hillerud, Professor E. H. Strickland, and Mr. A. S. R. Tweedie, from the University; Mr. Gibeau, Mr. Michael, Mr. Stranatka and Mr. Walker, District Agriculturists, from the Department of Agriculture; Miss Connelly and Miss Mewha, District Home Economists from the Department of Agriculture.

The conference at Gooseberry Lake was visited by Mr. Roy Marler, Chairman of the Alberta Federation of Agriculture, and Mr. L. E. Pharis, Alberta representative, Agricultural Prices Support Board.

Dr. Leon V. Kofod, of Woodmere, Long Island, was the guest speaker at all conferences, and delivered a series of illustrated lectures on "Co-ops in Action" in various countries. Dr. Kofod also took a series of moving pictures, coloured, and black and white photographs, illustrative of the activities at the Community Life Conferences. Mr. Henry Dickie represented the National Film Board of Canada at the conferences in the Peace River district.

The programmes of these conferences were as varied as usual, and included discussions on soils and general agricultural problems led by Dr. Bentley; on Co-operative activities led by Dr. Kofod and Mr. Hillerud; on International Affairs led by Mr. Tweedie; on Insect Pests led by Professor Strickland; and on experiences as an interpreter with Allied Forces in Berlin led by Professor Gads. At Gooseberry Lake, an afternoon was devoted to discussion led by Mr. Marler and Mr. Pharis.

Programmes for the ladies were in the care of Miss Connelly and Miss Mewha, while the children's activities, which included instruction in swimming, were supervised by Mr. Hillerud.

These conferences were highly successful, and it is felt that they made a considerable contribution towards developing the community spirit of the areas in which they were held.

The 3rd University and National Film Board Conference.

Members of the staff of the Department of Extension took part in a five-day film conference in Banff from September 9th to 14th, 1948. Planned as a conference to discuss common problems of film promotion and utilization, it was attended by National Film Board representatives from Alberta and British Columbia, and by members of the headquarters staff of the N.F.B. in Ottawa.

As a result of the conference, steps were taken to improve the liaison between the Department of Extension and the National Film Board in Alberta, and plans were made to supplement each organization's work wherever this could be done.

The Banff conference was followed by a three-day film conference and workshop in Edmonton in early January. The outcome of this conference was an arrangement for the joint sponsorship between the National Film Board and the Department of Extension of a number of film utilization workshops which are described below.

Film Utilization Workshops.

The Department of Extension in collaboration with the Alberta Regional Office of the National Film Board organized a series of Film Utilization Workshops at various points within the province during February and March, 1949.

These were intended to appeal to a restricted group of community leaders who were anxious to make the best use of 16 mm. moving pictures as an aid towards the overall development of community welfare.

Mr. A. S. R. Tweedie, and Mr. H. P. Brown, Supervisor of the Department's Division of Visual Instruction, attended all the conferences in company with Mr. C. W. Gray, Alberta Regional Supervisor of the National Film Board. The appropriate National Film Board field man attended at conferences held in his area.

The conferences took place at Forestburg, Blairmore, Foremost, Medicine Hat, Lethbridge and Donalda, in that order, and were designed to offer assistance to communities which either operated in conjunction with a film library, a self-supporting film circuit, or a supplementary circuit of the National Film Board. Their success was such as to encourage the Department of Extension to consider the organization of a further series of conferences in the fall of 1949. It is clear that a considerable demand exists for the information presented by the speakers, which covered, among other topics, "Why do we use the Film?", "Where do we obtain the Film?", "How do we show the Film?", "How do we use the Film?", "Care and Maintenance of Films and Equipment", and a general discussion on "Film Utilization, What does it Mean?", intended to make clear the benefits that would accrue to a community if it formed a Film Council to co-ordinate the efforts of all existing and potential 16 mm. film users in its area.

The 2nd Semi-Annual Agricultural Short Course for the Field Agents of the Imperial Oil Company.

At the request of the Imperial Oil Company a second agricultural short course for selected members of the Company's field personnel was held at the University from February 21st to 23rd, 1949. The attendance was 25 men.

The purpose of the course was to give the farm trade personnel greater insight into the utilization of power machinery and to familiarize them with modern trends in agricultural production. It was believed that the knowledge gained in the course would be helpful to the agent in making proper recommendations for the use of petroleum products in the field and thus indirectly be of assistance to the farmer in helping him to make more efficient use of power farming equipment.

The main topics under discussion and the people who gave them were as follows:

Mr. D. J. Avison welcomed the men on behalf of the Company, and Dr. R. D. Sinclair welcomed the delegates to the University. He also gave an address entitled "Trends in Alberta Agriculture." Other lecturers and the subjects they dealt with are listed below:

B. T. Stephanson—"The One-Way Disc."

Prof. J. Macgregor Smith—"Tillage and Seeding Machinery."

C. Colcy—"Cultivating and Seeding Equipment—Maintenance and Operation."

J. L. Reid—"The Finishing Touch."

D. E. Pittard—"Tractor Fuels."

E. H. Strickland—"Spring Operations in connection with Insect Control."

J. E. Pike—"Weed Spraying Equipment—Operation and Use of Selective Weed Sprayers."

J. E. Birdsall—"Cereal Crops Outlook."

O. S. Longman—"The Agricultural Outlook."

W. E. Bowser—"Climate and its Relationship to Soils."

C. A. Thomas—"Tractor Maintenance and Operation."

The managers of the implement companies and their staffs in the City of Edmonton provided the programme at the afternoon sessions.

The 11th Annual Short Course, Appraisal Institute of Canada.

The 11th Annual Short Course for the Appraisal Institute of Canada was held at the University on January 24th-26th, 1949, with an attendance of 65.

Under the chairmanship of Mr. Herbert Leah, the following programme was arranged:

Greetings from the University—Dr. Robert Newton.

Comparison of Construction Costs, 1941-48—Steve Hrudehy of Hrudehy Construction Company.

The Reasons for Town Planning—Miss Jean Wallbridge, City Architect's office.

Appraisal of Rural Land for Arbitration Purposes—John W. Judge, Deputy Minister of Municipal Affairs.

A Soil Conservation Programme for Alberta—Dr. Fred Bentley, Dept. of Soils.

A Crop Production Programme for Alberta—Dr. A. G. McCalla, head of Dept. of Plant Science.

The Mechanics Lien Act—W. Stanley Ross, of Cairns, Ross, Wilson & Wallbridge.

An Approach to Rental Valuation for Single Family Dwellings—W. H. J. Stuart, Central Mortgage and Housing Corporation.

An Approach to Rental Valuation for Multiple Family Dwellings—W. H. J. Stuart, Central Mortgage and Housing Corporation.

Report on the work of the Prairie Rural Housing Committee—Dean R. M. Hardy, Faculty of Engineering.

Farming in Britain—Dr. Harold Sanders, Dean of the Faculty of Agriculture, University of Reading, England.

The Agricultural Outlook—O. S. Longman, Deputy Minister of Agriculture.

Appraising Soil Fertility—Dr. J. D. Newton, Professor of Soils.

Municipal Assessment in Relation to Appraisal Value—C. L. King, Department of Municipal Affairs.

The annual banquet was held in the Macdonald Hotel, with Prof. A. S. R. Tweedie as the guest speaker.

The Edmonton Branch of the Appraisal Institute of Canada is a vigorous and enthusiastic group, and their annual short course at the University is always an interesting and practical programme.

The proceedings of the course were mimeographed and copies supplied to the Association for distribution to those who paid the registration fee.

Institute on Ward Administration.

An Institute on Ward Administration, under the joint direction of the School of Nursing, Faculty of Medicine, and the Department of Extension, was held at the University from March 29th-31st, 1949, with an attendance of 86. Nurses came from all parts of the province, and the aim of the three-day course was to bring to the administrators in small hospitals, head nurses, clinical instructors, and supervisors, the fundamental principles of administration in order that they might apply them to their everyday work.

Mrs. Mary S. Tschudin, R.N., M.S., Assistant Dean, School of Nursing, University of Washington, Seattle, Wash., was the guest lecturer, and the programme, under the direction of Prof. H. E. Penhale, was divided into the following headings:

The Place of the Head Nurse in Hospital Organization.

Supervision of Nursing Service Personnel.

Tools of Ward Administration.

Ward Teaching and the Head Nurse.

The Head Nurse as a Clinical Instructor.

Conference Techniques.

Dr. J. W. Scott, Dean of the Faculty of Medicine, welcomed the nurses to the University.

Course in Choir Leadership.

A ten-week course in Choir Leadership was offered under the direction of Prof. R. S. Eaton of the Department of Fine Arts, between October 4th and December 6th, 1948. The lectures covered the physiology and psychology of voice production; the production of vowels; the formation and production of consonants; phrasing in choral singing; common faults in choral singing; the art of conducting; the interpretation of various styles of choral music; the adolescent voice—special musical material for this problem; choral literature and programme building; the planning and conducting of rehearsals and concerts.

Fifty-eight (58) people registered for this course of which some came from such out-of-town points as Wetaskiwin, Stony Plain, Fort Saskatchewan and Bremner. The success of this course was such as to encourage the Department of Extension to consider planning a similar course for next year, to be held at various points within the province.

Course in Band Leadership.

As a result of a brief survey of community requirements in the Camrose area conducted by Mr. Hillerud and Mr. Tweedie, it became evident that the community was anxious to arrange for the provision of instruction in Military Band Leadership with the intention of training a band to take part in community activities in Camrose. As a result, the Department of Extension organized a twelve weeks' course in this subject at which Mr. Edwin Read provided instruction once a week to a group of 35 students. This band made satisfactory progress under

Mr. Read's direction, and it is hoped that it will make its first public appearance in the not too distant future.

Course in Accounting and Mathematics.

In co-operation with the Society of Industrial and Cost Accountants of Alberta, the Department of Extension organized in Edmonton and Calgary a series of classes for students studying for the degree of R.I.A. In both cities classes were offered in Accounting I and Business Mathematics. In Edmonton the instruction in Accounting was provided by Professor J. D. Campbell and in Business Mathematics by Mr. T. Fostvedt. In Calgary the instructor in Accounting was Mr. J. G. Simonton, and in Mathematics Mr. R. G. Powell.

The registration in the two centres was:

	Accounting I	Business Mathematics
Edmonton	24	31
Calgary	19	16

In the course of the term each lecturer was required to give 40 lectures. Classes started in the middle of November and continued through to the middle of April. Attendance was good throughout, and a fine group of young business men accomplished a substantial piece of work.

Clothing Class.

In co-operation with the Department of Extension, the Students' Wives Club of the University organized a class devoted to instruction in the care and repair of clothing.

Sixteen meetings of this class took place in the fall, and fifteen in the winter term. It was the general consensus of opinion that this was an extremely practical course which was of great benefit to the wives of the many student veterans attending the University. The attendance was 78.

Course in Child Psychology,

Over 70 members of the Students' Wives Club participated throughout the winter in a home study course in Child Psychology, basing their work upon texts supplied by the Department of Extension, obtained for the purpose from the Department of University Extension, of the University of British Columbia. These classes were conducted in small groups in different parts of the city, and towards the end of the course the groups submitted in writing to the Department of Extension questions about which they required further information. These questions were dealt with at a general meeting of all groups, by Miss Maimie S. Simpson who led a discussion at which points of view were exchanged, and who offered comments upon suitable films, supplied for the occasion by the Department's Division of Visual Instruction.

Extension Classes in Painting.

The painting division of the Department of Fine Arts and the Department of Extension co-operated in providing a heavy programme of

extension classes in painting at such widely separated points as Medicine Hat and Lethbridge in southern Alberta, Athabasca in the north, Jasper on the West, and Vegreville on the east. In all cases the classes were sponsored locally either by local art or sketch clubs or by the local branch of the Canadian Federation of Artists.

Of the 22 separate art classes organized, 12 were held at the University and 10 at the following outside points:

Athabasca, Barrhead, Brooks, Camrose, Jasper, Lacombe, Lethbridge, Medicine Hat, Vegreville and Wetaskiwin.

The 22 classes had a total registration of 328 students. Instruction was given by members of the staff of the Department of Fine Arts and by artists employed specifically for the extension classes, by the Department of Extension.

A table setting forth the place, name of instructor, duration of course, and number of students attending follows:

Place	Length of Class in Weeks	No. of Students	Instructor	Local Sponsor
Athabasca	21	15	Janet Middleton	Atha. Art Club
Barrhead	21	20	Janet Middleton	Barrhead Club
Brooks	24	30	J. B. Taylor	Brooks Sketch Club
Camrose	21	30	Janet Middleton	Camrose Arts and Crafts Club
Jasper	21	13	Janet Middleton	Jasper Art Club
Lacombe	19	25	Mrs. Gwytha Evans	Lacombe Art Club
Lethbridge	24	17	Annora Brown	Messrs. Feirs and Henson personally
Medicine Hat ..	24	31	J. B. Taylor	Medicine Hat F.C.A.
Vegreville	24	18	J. B. Taylor	Veg. Com. A. School
Wetaskiwin	18	8	J. B. Taylor	Wetaskiwin Art Club
Edmonton—				
Class 1	24	12	J. B. Taylor	
" 2	24	17	J. B. Taylor	
" 3	24	13	M. W. MacDonald	
" 5	24	9	H. G. Glyde	
" 5a	24	8	H. G. Glyde	
" 6	24	6	Janet Middleton	
" 7	24	9	J. B. Taylor	
" 8	24	14	M. W. MacDonald	
" 9	24	4	Janet Middleton	
" 10	24	9	Janet Middleton	
	24	11	H. G. Glyde	Women's Univ. Club
	24	7	Helen Berry	Students' Wives Club

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Weekly classes under instructor: Edmonton, Lacombe, Wetaskiwin.

Instructor every third week: all other classes.

At the conclusion of the year's activities two exhibitions of pictures were held. One exhibit was made up of some 35 paintings and drawings collected from the Extension classes outside of Edmonton, and the second from the classes held at the University.

As would be expected, there was a great variation in the styles of work and in the degrees of talent shown, but on the whole the exhibitions were a credit to the students and their instructors.

Arrangements were made to have one of these exhibitions sent on tour to the various community art centres in the province, and this has had a good effect in stimulating further local interest.

THE EXTENSION LIBRARY

During 1947-48 the Extension Library staff believed they were as busy as possible. In 1948-49, however, another 7,328 was added to the Open Shelf circulation figure, 33 more Travelling Libraries were sent out, a 378-page catalogue was published, and the librarian spent some time working with community libraries. The total circulation figure of 69,197 may be compared with the corresponding figure of five years ago—33,616—to see how the service is gradually building up.

It is encouraging to notice that, with one exception, there is an increase in all circulation figures. The exception is the figure for Regular Travelling Libraries, the records for which are kept by local custodians who often write that they have been unable to keep exact figures. Special Libraries, on the other hand, which include many children's books, show an increase of almost 50% in recorded circulation. There was an increase in the circulation of periodicals and plays which showed a slight decrease the year before.

There is a good increase in the circulation of books sent to The Banff School of Fine Arts. This, we feel, is because for the first time, a librarian was in charge of them. The Assistant Librarian from the Extension Library was able to keep exact records, and to make a beginning at supplying organized library service to the students and faculty.

Again our well-used collection of children's books seemed to disappear entirely in September. Books returned were sent out again immediately, so that the shelves have been almost empty all year. Most of these books have gone out in Special Libraries, generally to schools. Although we are glad to be able to do this work when we can, it means that our work with individual boys and girls has not been very satisfactory. They are such earnest and enthusiastic readers that we particularly hate to disappoint them. We are continuing to build up their small collection, and hope to give them better service as time goes on.

The new complete printed catalogue of books on the Open Shelf, "All for the Asking," made great inroads on our time and budget, but we hope this link between the library and its readers will help our readers to the books they want. As usual, supplementary lists were issued every three months.

There is always a certain amount of "extra-curricular" work in connection with the library. The Short Course for Librarians of Small Libraries for 1948 was in charge of the Extension Librarian. At the request of the Alberta Library Board, the librarian visited libraries in Vermilion and Westlock, and helped start a new library at Provost. The librarian has worked with other members of the Extension Department in compiling **Film Notes**, a periodical list of suggested supplementary reading in connection with National Film Board films shown on rural circuits in Alberta.

"Books at Random," a programme provided jointly by the Extension Library and the University Library, has been heard weekly over CKUA. The librarian and Mrs. Broughton of the library staff have contributed to it. Members of the University Library staff have contributed most

generously. Miss Marjorie Sherlock, Librarian to the University, Miss Margery MacKenzie, Radio Secretary, Professor J. T. Jones of the Department of English, and Professor A. S. R. Tweedie of the Extension Department have taken part in round-table discussions.

On the whole, 1948-49 has been a good year. Where the service given was not as good as it should have been, it was because of a comparatively large demand for a small number of new books. The new complete catalogue will, we hope, remedy that situation to some extent, and an increased grant will enable us to buy more copies of books most in demand.

Comparative circulation figures for the years 1947-48 and 1948-49 are shown in the accompanying tables.

Open Shelf Circulation Figures	1948-49	1947-48	Increase
Books (including Special Libraries)	49,218	44,326	4,892
Banff circulations	5,246	3,600	1,646
Plays	2,607	2,429	178
Periodicals and pamphlets	4,304	3,692	612

Total	61,375	54,047	7,328
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Regular Travelling Libraries	1948-49	1947-48	Difference
Libraries in use	90	90	
Recorded circulation of books	7,179	7,822	-643
Average circulation per library	40.3	40.5	— .2

Number of Libraries Sent Out	1948-49	1947-48	Increase
Regular libraries, times out	207	198	9
Special libraries	120	96	24

Total	327	294	33
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The Special Library circulation of 7,148, an increase over last year of 2,314, was included in the Open Shelf figures, since books in them are from the Open Shelf.

Book Stock—

Books at April 1, 1948	26,625
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Accessions:

By purchase, 977; gifts, 438; total	1,415
Withdrawals	327
Net increase	1,088

Books at April 1, 1949	27,713
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The average cost per book increased twenty-seven cents over the previous year.

Membership.

During 1948-49 there were 3,029 postal accounts (many postal accounts represent families) and 158 different groups used Travelling Libraries.

VISUAL INSTRUCTION

Beginning with a few sets of lantern slides in 1917, the Visual Instructional facilities of the Department of Extension now include 500 sets of lantern slides, 1060 rolls of film-strip and over 2,000 reels of moving picture film, thus making the department one of the largest educational film libraries in Canada. Reports for the past year show that this material has been very widely circulated both from the central library in the Department itself and from the 15 branch libraries which have been established in key centres in Alberta.

During the year there has been an increase in the use of still picture material, and the greatest increase has been in the use of film strips rather than in slides. There has also been a substantial increase in the circulation of films with the largest increase, as would be expected in the more modern sound film. The number of reels of film sent out from the Extension Library and the subsidiary branch libraries of the Alberta Circulating Film Exchange System passed 20,000 for the first time.

The large increase in the number of new projectors owned by school and community organizations has stimulated the demand for films, and the establishment of such organizations as film councils, film societies, and junior film clubs is tending not only to create a larger demand but also to put more stress on the proper utilization of the film for educational purposes.

The department co-operated with the National Film Board and a number of school and community groups in organizing several film utilization workshops during the years. Typical workshops were held at Forestburg, Blairmore, Lethbridge, Foremost and Medicine Hat. Film Utilization demonstrations were also given at Donalda, Bowden, and a number of other points.

Members of the department's staff also took part in educational workshops at meetings of the Religious Education Council, and the Alberta Conference of the Women's Missionary Society of the United Church. Exhibits were also arranged at the annual meetings and conventions of the Alberta Teachers' Association, Alberta School Trustees, and Alberta Federation of Home and School Associations. Film service was supplied to a wide variety of clubs and societies and for use in many hospitals and institutions. Films were also used at many short courses and at the Banff School of Fine Arts. Two films were made during the year, one on the operations of a summer camp and one dealing with field crops, and many lantern slides and film-strips were prepared in the photographic plant for use in University lectures and in Extension work.

Statistical information is as follows:

	1948-49	1947-48	Comparison	
Number of film subjects added	218	180	+	38
Number of reels added, approx	320	280	+	40
Number of film-strips in library	1,060	969	+	91
Number of sets of 2"x2" slides in library	96	96	.....	.....
Number of sets of sandard slides sent out	249	334	—	85
Number of 2"x2" slide sets sent out	278	267	+	11
Number of times slides were used	726	918	—	192
Total audiences viewing slides, standard and 2"x2"	27,617	38,041	—	10,424
Sets of film-strips sent out	1,470	.....	.....	.....
Individual film-strips sent out	2,410	2,223	+	187
Number of times film-strips were shown film showings	1,912	2,990	—	1,078
Total audiences viewing film-strips	158,727	152,380	—	4,457
Total audiences viewing film-strips	58,785	95,223	—	36,438
Number of times slide lanterns were loaned	36	38	—	2
Number of times film-strips and 2"x2" projectors were loaned	55	28	+	27
Sets of silent films sent out	428	413	+	15
Number of reels of silent films sent out	1,186	1,036	+	150
Sets of sound films sent out	3,403	3,101	+	302
Number of reels of sound films sent out	15,055	12,757	+	2,298
Total sets of moving pictures sent out	3,831	3,514	+	317
Total number of reels of moving pictures sent out	16,241	13,793	+	2,448
Total number of showings of films, sound and silent	5,192	5,055	+	137
Total audiences viewing films, sound and silent	535,049	433,809	+	101,240
Number of times projection service supplied	488	430	+	58
Branch library film showings	1,764	1,753	—	8
Number of reels from Branch Libraries	4,267	.....	.....	.....
Aggregate attendance Branch Libraries film showings	158,727	152,380	+	4,457

RADIO

Why Stop Learning?

The Department of Extension conducted this fifteen-minute programme on 23 occasions during the year. Reports on the activities of the Department throughout the province were regularly presented, and an attempt was made to discuss the theme of the contribution made to community development by the adequate use of the resources of available 16 mm. moving film libraries. This effort to present practical information on certain community problems met with con-

siderable success if we are to judge by the number of requests for further advice and assistance which later reached the Department.

CBC Series "University Round Table."

The University contributed to this series, at the invitation of the CBC, on four occasions during the period under review. In November, 1948, there was discussed "The Fallacy of a Practical Education." In January, 1949, the Education Undergraduate Society presented a discussion on matters of professional interest which they had under review at that time at a meeting of the Regional Conference of Undergraduate Education Societies of Western Canada. In February the topic was, "The Veteran Looks at the University"; in March, "The Undergraduate and the Community," and in April, "The University and Radio."

Members of the Faculty who took part in these discussions were: Dr. A. J. Cook, Professor R. M. Hardy, Dr. W. G. Hardy, Dr. A. G. McCalla, Dr. D. B. Scott, Dr. D. E. Smith, Mr. Tweedie, Dean Stewart, and Miss MacKenzie.

FINE ARTS

The highlights of the Extension programme in Fine Arts were undoubtedly the fine work done by Prof. R. S. Eaton with his extension course in Choir Leadership and the great success of the University's mixed chorus which conducted a most successful tour of a number of centres in the province. These two activities reflected great credit on Mr. Eaton personally and also created a great deal of goodwill towards the University.

In similar vein the Extension programme in Art which is described under "Extension Classes in Painting" was an outstanding success and reflects great credit upon Mr. H. G. Glyde, Mr. J. B. Taylor, Mr. Murray MacDonald and Miss Janet Middleton. The Extension programme in Art in Alberta is being looked upon as one of the most vital in Canada and has been responsible for creating a great deal of interest and enthusiasm on the part of local sketch clubs.

Unfortunately for the University the services of a good Extension man in Drama were lost when Mr. E. R. Whitehouse accepted a position with the International Service of the Canadian Broadcasting Corporation. Mr. Robert Stuart joined the Drama division of the Department of Fine Arts in September, but so much of his time was given to teaching work on the campus that very little time was left for the very important work in the field of community drama.

Quite a successful small Extension class in drama was held under Mr. Stuart's direction at the University. The number of students taking part was 10. These young people were enthusiastic and keen, and got a great deal from the course.

Plans were made for an Extension class in Drama at Lethbridge. About 30 people attended the first class but after that the attendance was successively reduced until the course was cancelled for lack of interest. If Alberta is to regain the position she once held in community

drama the services of a properly-qualified man giving full time to the work is essential.

It was regrettable that the University's drama publication "Stage Door" was not published during the winter term. This bright little magazine served an important function in providing a provincial clearing-house for ideas in dramatics and also served as a means for the different community drama groups to keep in touch with each other's activities.

It is always useful to have the opinion of an authority who comes to the scene with a fresh point of view, and a quotation from Mr. Stuart's report on the Alberta situation may be encouraging.

"On the surface this seems to have been a lean year in dramatic activities. Very few groups managed to put the number of productions they had budgeted for at the beginning of the season. Illness amongst the members of the various casts claimed some casualties, causing productions to be postponed or abandoned, but by and large, there is a new feeling of earnestness about the work done, a reluctance to launch out on a production in the old care-free fashion. The older well-established group seem to have made a pause this year in order to take stock of themselves. New groups were proceeding cautiously.

"There was a general feeling throughout the Province that more time and care should be devoted to production. Groups were settling up schools in acting and stagecraft run by the more experienced members or by members who had been away for training in drama schools. New groups were seeking the aid of more experienced groups before trying to stand on their own feet.

"Proof of the value of this new serious attitude came during the Regional Drama Festival. The groups represented in the festival were chosen by elimination in pre-adjudications. The quality of the work shown there was such that Mr. Robert Speaight, the adjudicator, was moved to say both publicly in Calgary at the Festival and later in the press, that the Alberta Festival was by far the best he had seen during his tour."

The 16th Annual Session of the Banff School of Fine Arts.

Six hundred and eight (608) individuals, the largest number in the history of the School, attended the 16th summer session of the Banff School of Fine Arts which was held from July 13th to August 21st, 1948.

The students came from every province in Canada, from 22 states of the United States, from England, Labrador, South Africa, New Zealand, Australia and Hawaii. Some idea of the School's place in the Canadian educational picture can be gained from the representation by provinces. This was:

British Columbia	81
Alberta	193
Saskatchewan	37
Manitoba	77
Ontario	139
Quebec	102
Nova Scotia	2
New Brunswick	1
Prince Edward Island	1

By divisions, registrations were:

Art (Banff)	251
Art (Jasper)	19
Theatre (including Theatre-Ballet)	93
Ballet	33
Short Story	21
Playwriting	10
Writers' Conference	22
Music Division	92
Oral French	37
Leathercraft and Glovemaking	30
Weaving	45
	653
Less students counted in more than one course	45
	608

Painting Section Started at Jasper.

Early in the summer it became evident that more students were going to apply for entry into the painting section than the School could provide class-room facilities for. It was therefore arranged that the overflow could be directed to Jasper. A quota of 225 painting students was fixed for Banff, and when registration reached this number, the remaining applicants were advised to go to Jasper. Many students did not wish to change their plans and go to Jasper instead of to Banff, and many of these either decided to go elsewhere or stay at home. However, 19 students attended the Jasper section. In addition groups of 15 to 20 students went from Banff to Jasper to spend from a few days to a week painting in the Jasper region. As a result from 25 to 50 students were in Jasper at various times during the course.

The weather at Banff and Jasper during the whole period of the school was the worst in the School's history. In spite of this, however, enthusiasm was high throughout the term, and the exhibition of some 600 paintings selected from over 3,000 subjects was one of the most uniformly good showings since the school started.

The Painting Division.

Because of the heavy registration in the Art Division, arrangements were made to have a teaching staff of eleven people available. Mr. H. G. Glyde, head of the painting division of the Department of Fine Arts, was head of the division and was assisted by the following artists:

W. J. Phillips, R.C.A., of Calgary and Banff.

J. B. Taylor, of the University of Alberta.

M. W. MacDonald, of the University of Alberta.

Janet Middleton, of the University of Alberta.

J. W. G. MacDonald, of the Ontario College of Art.

Charles Comfort, of the Dept. of Fine Arts, University of Toronto.

Miss Annora Brown, of Macleod, Alberta.

Frederic Taubes, of New York.

Will Ogilvie, of the Ontario College of Art.

James Dichmont, of the Institute of Technology and Art, Calgary.

Including part-time students a total of 251 people were registered in the painting section at Banff and 19 at Jasper. Of this number 65 were men and 205 were women. However, the number at Banff at any one time was never allowed to exceed 225 and seldom was over 200. In this way, because of the large teaching staff, students were assured of the same amount of individual attention that has characterized this school from the beginning.

Drama and Ballet Division.

Due to the resignation of Ray Whitehouse early in the summer, arrangements had to be made to have someone other than a member of the University of Alberta staff head the drama division in this summer session. As Prof. Joseph F. Smith, head of the Department of Speech at the University of Hawaii, was the member of the staff who had the most previous experience at Banff, he was the logical choice for chairman of this division. Prof. Smith was ably assisted by Robert Gill, Director of Hart House Theatre at the University of Toronto, and by Burton James, Director of the Seattle Repertory Playhouse. These three men formed the core of the drama staff and they were assisted by Jack Neeson of the Department of Drama, University of Georgia; George Palmer of the Montreal Repertory Theatre; Clifford Robinson of the Vancouver School of Art, who was in charge of stage design and costuming, and Mrs. Leona Paterson of Mount Royal College, Calgary, who was assistant in speech.

The ballet section was under the direction of Miss Jean MacKenzie, star performer of the Canadian School of the Ballet in Winnipeg. For some reason or other the students in the drama division were collectively the youngest group to attend in a number of years. There were a few outstanding students among the lot but there was not the same balance between beginners and mature students as has been the case in the past.

Altogether 93 students were registered in the drama section and 33 in the ballet section. A number of students combined drama and ballet.

Playwriting and Short Story Division.

The work in the playwriting and short story was again in charge of Dr. E. P. Conkle of the University of Texas, who was back at Banff for the fourth consecutive year. There were 21 students in the short story class and 10 in playwriting. Both classes contained a mixture of experienced writers and beginners. However, some very promising work was turned out and there were two or three playwrights whose work is likely to be heard from in the future.

The Writers' Conference.

Arrangements had been made early in the year to bring in as guest instructors in the Writers' Conference one distinguished Canadian and one American writer. The work in the short story and the novel was

to have been in charge of Merrill Denison, and the radio writing under the direction of Earle McGill, leading free-lance radio writer of the Columbia Broadcasting System. Unfortunately illness prevented both instructors from coming, and substitute arrangements had to be made in one case on the very day the conference opened.

Arrangements were made to have Mr. Dan McCowan, well-known author and naturalist of Banff, take Mr. Denison's place, and Mrs. Elsie Park Gowan of Edmonton, to take Mr. McGill's place. It is a tribute to both of these talented Canadians that they were able to step into the breach on very short notice and do a very satisfactory piece of work. The students were most enthusiastic about the leadership given, and our grateful thanks are due to both Mrs. Gowan and Mr. McCowan.

Music Division.

Three courses were offered in the music division: a master class in piano under the direction of Jacques Jolas of Cornell College, Mt. Vernon, Iowa; a course in piano technique under the direction of Glenn Nelson of Vancouver, and a course in choral music and musical criticism under the direction of Dr. R. S. Lang of the Royal Schools of Music, London, England.

The 1948 music section was the largest so far, and the quality of work done was of a very high order. Mr. Jolas, who returned to Banff after an absence of several years, made an outstanding contribution and had under his direction a highly talented group of young artists. Mr. Nelson, who is a former student of the school and a former pupil of Max Pirani, made a fine contribution in his initial appearance as a member of the staff. He is a hard-working, sincere musician and a first-class teacher.

A new innovation in the music division this year was the organization of a ninety-voice school choir under the leadership of Dr. Lang. This proved to be one of the most popular activities of the school. Students from all divisions and staff members too, diligently turned out for choir rehearsals two nights per week. The choir provided one of the feature programmes of Festival Week, and in addition was invited to sing in a number of the churches as well.

The student piano recital during Festival Week was a highlight of the school. The total registration in this division was 92 students.

The Weaving Division.

A quota of 45 students was set for this division, and it is a tribute to the kind of instruction given by Mrs. Henderson and Mrs. Sandin that the quota was reached at a comparatively early date and some students had to be turned away. Mrs. Henderson and Mrs. Sandin were ably assisted by a very talented graduate of the Banff School, Miss Winnifred Savage of Seaforth, Ontario. Assistance was also given by a very promising newcomer from England in the person of Miss Nan Scott.

The exhibition of weaving completed during the term was of very high quality indeed, and a number of American students who had

attended the leading weaving schools in the United States were very generous in their praise of the work offered at Banff.

Leathercraft Division.

This division was in charge of Mrs. Norman Van Delinder of Calgary, assisted by Miss Kay Mitchell of Edmonton. A total of 30 students were registered and they accomplished a very fine programme of work in all kinds of leather work and glove-making. The exhibition at the close of the school was the most varied and best organized to date.

Oral French Division.

This division continues to fill an important role in the school's programme, and each year more students from other provinces and the United States are participating. Professor A. L. Cru, formerly of Columbia University but now of The Graham Eckes School, Palm Beach, Florida, was in charge of the division, and he was assisted by Mlle. Iriny de Buisseret of the University of Alberta and Mme. Danielle Chavy-Cooper, formerly of Bryn Mawr and latterly from Houston, Texas.

The work of assistantes or hostesses in the French chalets was taken on as an extra responsibility by Mme. Chavy-Cooper and Mlle. de Buisseret.

Of the 37 students registered in the course, several were college students from American universities; others were teachers of French in the high schools in several Canadian provinces. Others again were high school and junior University students, while still others were people who wished to develop their knowledge of French for their own enjoyment.

The Colonel J. H. Woods Memorial Gift.

A significant recognition of the growing importance of the Banff School was made when Mrs. J. H. Woods of Calgary made a gift of \$125,000 to the Banff School to be used for the purpose of erecting two permanent chalets as a memorial to her husband who was a distinguished pioneer newspaperman and patron of the arts.

Immediately on receipt of the gift, plans were made to start construction of two large chalets with the hope that they would be ready for the 1949 school. These chalets will provide sleeping accommodation for some 75 students; kitchen and dining accommodation for over 400 students; two very pleasant student lounges and four class-rooms.

This splendid gift has been the means of not only giving the school much needed facilities and accommodation but it has also given the school new status. It has made possible the contemplation of year-round operation in the near future a practical possibility.

The University and the people of Canada are greatly in Mrs. Woods' debt for a most significant contribution to the cultural development of Western Canada.

STAFF

This report indicates that the programme of extension work just completed was the largest in the history of the University. All faculties and departments have cheerfully added to the regular academic load of teaching and research, the additional task of giving numerous public lectures, radio talks and short courses. In all cases they have accepted this additional responsibility cheerfully because they have recognized the importance of extension work and the further opportunity that it affords to serve the community. It is a pleasure to record our grateful thanks and appreciation to all the members of the teaching staff who have participated in the extension programmes.

A special word of thanks is due to those members of the staff of the Department of Extension who have had the responsibility of organizing and carrying out a very heavy programme. They have the satisfaction of knowing that they have carried out a heavy task in a manner that has reflected credit on themselves and has made friends for the University.

It is also a pleasure to acknowledge at this time the many courtesies which have been extended by members of the various departments of the Provincial and Dominion governments. Our relationships have all been on a most friendly and co-operative basis, and we gratefully acknowledge our debt to them for many helpful services.

A special word of appreciation is due to the many farm educational and commercial organizations with whom our programme has been associated. These organizations, in addition to assisting with the organization of many of our activities have also given very tangible practical and financial support to a number of our activities. For all of these courtesies we wish to express our sincere thanks and appreciation.

STATISTICAL SURVEY

Lectures:

University Teaching staff	754	
Department of Extension staff	258	
	—	1,008
Aggregate attendance		57,404
Number of radio talks	235	

Conferences and Short Courses.

Refresher course in Sanitary Inspection	26
Refresher course in Recreational Leadership	26
Nurses' Institute on Guidance	125
Short Course for Librarians of Small L.	12
Farm Young People's Conference	125
Refresher Course in Pharmacy	75
Refresher Course in School Administration	73
Refresher Course in Municipal Administration	70
University Short Course and Co-op. Conference	57
Short Course in Painting at Lethbridge	14
Short Course in Painting at Medicine Hat	15

Community Life Conferences at—		
Lake Saskatoon	169	
High Prairie	111	
Bear Lake	233	
Gooseberry Lake	186	
Ft. Assiniboine	96	
	—	795
Film Utilization Workshops at—		
Forestburg	16	
Blairmore	47	
Foremost	60	
Medicine Hat	42	
Lethbridge	18	
Donalda	70	
	—	253
Agricultural Short Course for Employees of Imperial Oil Company	25	
Short Course for the Appraisal Institute of Canada	65	
Institute on Ward Administration	86	
Course in Choir Leadership	58	
Course in Band Leadership, Camrose	35	
Course in Accounting I and Business Mathematics—		
At Calgary	35	
At Edmonton	55	
	—	90
Clothing Course for wives of Student Veterans	78	
Course in Child Psychology	70	
22 Extension classes in Painting—12 in Edmonton,		
10 at outside points	328	
Courses in Drama in Edmonton and Lethbridge	40	
Banff School of Fine Arts	608	
	—	3,149
Visual Instruction.		
Number of times lanterns loaned	36	
Film-slides and miniature projectors loaned	55	
Sets of lantern slides sent out	249	
Sets of miniature slides sent out	278	
Number of times slides used	726	
Aggregate attendance lantern lectures		27,617
Film-strips sent out	2,410	
Number of times film-strips used	1,912	
Aggregate attendance, film-strips		58,785
Sets of moving picture films sent out	3,831	
Number of reels in sets sent out	16,241	
Number of showings given	5,192	
Aggregate attendance, moving pictures		525,041
Aggregate attendance Branch Libraries film showings		158,727

Library and Debating Service.

Number of travelling libraries in use	90	
Number of times sent out	207	
Recorded circulation		7,179
Number of special libraries sent out (circulation included in Open Shelf)	120	
Open Shelf Circulation:		
Books (including special libraries)	49,218	
Banff School circulation	5,246	
Plays	2,607	
Periodicals and pamphlets	4,304	
		61,375
Number of package libraries for debaters sent out		90

Study Group Material.

Number of sets of Citizens' Forum Bulletins sent out (weekly)	82	
Number of sets of other study group material sent out	40	
		122

New Canadian Plays.

Number of copies of New Canadian plays sold	445
Number of copies of Proceedings of Soil Mechanics sold	96

Publications.

Press Bulletin, Seasonal Crops	10,000	
Press Bulletin, Feeders' Day Programme	2,000	
		12,000
Bulletins sent out during the year	16,208	
Mimeo. circulars and other bulletins	500	
		16,708
Total number of bulletins distributed since inception of service	469,162	
University News Letter:		
Number of issues	14	
Circulation 14x350		4,900
The New Trail—number sent out		10,450

RECAPITULATION

Total aggregate attendance at lectures, conferences and short courses, lantern slide lectures, film-strip programmes, moving pictures, Circulating Film Exchanges	830,723
Total circulation of travelling libraries, books, pamphlets, periodicals, plays, sets of study group material, New Canadian plays, Proceedings Soil Mechanics and Concrete	69,307
Total circulation of Press Bulletins, Agricultural publications, News Letter, New Trail	44,058

CONCLUSION

In bringing to a close the 36th year of Extension activities in the University of Alberta, it is gratifying to record that the services the University has to offer have been in greater demand than ever. There is evidence that as the province grows older more groups of people with special interests, needs and problems are coming to the University for assistance. This is attested by the fact that the number of specialized Extension courses has been growing year by year, and in the past year more than doubled that of the year before. In the present phase of rapid industrial development of the province, the demand for such services is likely to increase rather than to decrease. This will impose a heavy drain on the University's resources. However, to be successful a modern state university must be actively associated with the industrial, economic, social and cultural life of its constituency. The closer the institution can be identified with the life of the community the healthier the relationship between the University and the people is likely to be.

The manifold activities recorded in this report indicate that the University of Alberta is playing a vitally important and balanced role in building a great province.

Respectfully submitted,

DONALD CAMERON,
Director.



ANNUAL REPORT

on Extension Activities of the University
of Alberta



for the Year ending March 31st
1950

Published by
Department of Extension, University of Alberta
Edmonton, June, 1950

COMMITTEE ON UNIVERSITY EXTENSION

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of the University, Chairman.

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of Agriculture.

FLORA MacLENNAN MACLEOD, MA., B.L.S., Extension Librarian.

DONALD CAMERON, B.Sc., M.Sc., Director, Department of Extension.

ANNUAL REPORT ON EXTENSION ACTIVITIES

of the

UNIVERSITY OF ALBERTA

For the Year Ending March 31, 1949

Edmonton, April 29th, 1950.

Dr. Robert Newton,
President, University of Alberta.

Mr. President:

I have the honour to submit the thirty-seventh Annual Report on Extension activities of the University of Alberta for the year ending March 31st, 1950.

In the following pages will be found a moderately detailed and complete record of the work done by members of the University Faculties in addition to their regular teaching and research responsibilities. In the interest of brevity much of the statistical information has been reduced to tables. Explanatory notes are provided on the more important and significant developments and on several of the new projects which were started in the year under review.

For the third consecutive year the amount of time given to extension work by the Faculties has shown a significant increase. In the year just concluded 2,197 man-days were given to extension work in comparison with 2,080 days in the previous year. Most of the increase in time was accounted for by more time being given to the preparation and delivery of extension lectures, to the preparation of radio talks and to extension correspondence. Substantially less time was given to extension interviews than in the previous year, the reduction here being from 662 to 533 days. Although more time was given to the preparation and delivery of extension lectures than in the previous year, fewer lectures were actually given, the reduction being from 1,008 with an attendance of 56,404, to 713 with an attendance of 54,992. This reduction of approximately 300 lectures was brought about by the fact that the Faculty of Arts and Science gave exactly half the lectures this year that it did the year before, the reduction being from 441 to 221. Other Faculties recording reductions were: Engineering 19, Medicine 14, Agriculture 14, Law 9, Department of Physical Education 23, and Department of Extension 69. Faculties and departments recording increases were: Dentistry 26, Education 30, and Research Council 11.

A number of factors contributed to the reduction in the number of lectures, among these being the unusually severe winter during the period December 15th to February 15th with consequent cancellation of many public meetings; the severe illness of two or three of our most

popular extension lecturers, and changes in staff which involved bringing in new people who were not known, in place of lecturers who had been on the staff for some years.

The outstanding feature of this report is the increase in the number of extension short courses and classes. Altogether 71 of these were held in comparison with 54 in the previous year. In addition to a larger number of courses being given, there were more of the long courses of the ten days to three weeks' variety. Many of these courses represented a substantial teaching load, and this undoubtedly had a good deal to do with the reduction in the number of individual extension lectures, as staff members could not do both.

Several important new courses were established during the year and some of these are likely to become annual features of the University's extension programme. Among the most successful courses put on for the first time this year were the following:

Short courses in "Child Care and Development" and in "Hospital Administration" put on by the School of Nursing and the Faculty of Medicine.

Two very successful and well patronized "Mud Schools" dealing with the latest methods and technique of handling drilling fluids, were put on by the Department of Chemical and Petroleum Engineering in co-operation with the Canadian and American Association of Oil Well Drilling Contractors and The Alberta Petroleum and Natural Gas Conservation Board. These courses, organized for roughnecks, tool-pushers and drillers, were attended by 62 and 86 men respectively, and it was the first time that such courses were held in Canada.

A short course in "Extension Methods and Techniques" held at Banff during the first two weeks of October, drew 90 extension workers from five Canadian provinces.

Through the co-operation of the Dominion Department of Resources and Development, the Provincial Department of Lands and Forests, and the University, the first of a series of annual short courses in "Forest Conservation and Wildlife Management" was held at the Banff School of Fine Arts during February and March. These courses were very intensive and were attended by 37 Park Wardens, Forest Rangers and others.

Also held at Banff under the direction of the Faculty of Engineering in co-operation with the Engineering Services of the National Parks' Department of Ottawa was a short course in "Asphalt Pavements, their Design and Construction". This course drew engineers, road and airport construction men from Moncton, N.B., to Vancouver. Altogether some 80 engineers and contractors were in attendance.

Courses held for the first time this year were those in "Paint Power" for men engaged in the paint industry, and "Choral Leadership" held at Red Deer, and "Music Appreciation" at Edmonton.

Another highlight of the year's work was the very substantial achievement represented by the courses put on in co-operation with the Society of Registered Industrial Accountants. Altogether 186 young business men in Calgary and Edmonton took work leading to the degree of Registered Industrial Accountant.

The rapid expansion of the community art class programme in Alberta is a development which is unique in Canada. Started in an experimental way in 1936 this programme has grown to the point where 487 people were registered in 31 extension classes at points as widely separated as Medicine Hat, Jasper, Lethbridge, High River, Camrose and Vegreville.

The Banff School of Fine Arts continues to be one of the major extension activities of the University, and 488 students attended the courses in 1949. Another significant development in connection with the Banff School which has been made possible by the School having its own year-round buildings, is the development of Banff as an ideal extension short course centre. Between February 1st, 1950, and September 3rd, 15 different schools and short courses will be held in Banff.

It is gratifying to record that extension work in drama has had something of a revival during the past winter. There are signs that some of the vitality and enthusiasm which characterized this work during the 1930's is being regained, and much of the credit must go to the extension specialist in drama, Miss Esther Nelson.

The Extension Library for the third consecutive year has recorded a very substantial increase in the circulation of books from the Open Shelf section. There has been a reduction of 28 in the regular travelling libraries, but this has been more than offset by the 10,000 increase in the individual circulation from the Open Shelf.

The Work of the Division of Visual Instruction continued to grow during the year, and an all-time record number of educational films were distributed through the division and its branch depots throughout the province. A total of 22,500 reels of educational films were circulated in comparison with 20,000 in the previous year. This is an average of over 60 reels a day for every day in the year.

A complete statistical summary of the time given to the University's extension activities is shown in Table I. From this it will be seen that of the total 2,197 man-days given to extension work, 588 days were given to the preparation and delivery of extension lectures, 194 days to radio talks, 882 days to extension correspondence, and 533 days to extension interviews, altogether a very substantial public service.

Table I indicates that there was a reduction in the total number of lectures given by members of the staff of the Department of Extension in comparison with the previous year, the reduction being from 254 to 185—a total of 69. This is a natural tendency in the face of the increasing amount of time being given to the organization and administration of the heavy programme of short courses. A breakdown of the number of lectures and radio talks and the audiences attending lectures given by members of the Department of Extension staff is shown in Table II.

Table 1.—University Extension Activities during the year 1949-1950

Faculty or Department	Ext. Lects.		Radio Talks		Ext. Corr.		Man Days		No. of		No. of		Total Attendance	
	49-50	48-49	49-50	48-49	49-50	48-49	49-50	48-49	Radio Talks	Given	Man Days	Extension Interviews	49-50	48-49
Arts and Science including School of Household Economics	137	207	48	49	57	129	42	158	41	58	221	441	7,762	10,511
Faculty of Engineering	10	13	3	1	25	10	34	20	4	2	9	22	430	1,700
Faculty of Medicine including Schools of Pharmacy and Nursing	60	46	6	7	47	17	75	32	7	8	31	45	2,718	4,030
Faculty of Agriculture	139	154	38	33	411	466	253	312	51	46	110	124	13,055	13,815
Faculty of Education	170	91	63	41	70	61	63	129	46	39	101	71	16,129	4,545
Faculty of Dentistry	52	5	...	2	1	2	1	1	...	3	29	3	1,954	350
Faculty of Law	1	12	1	...	...	...	...	...	1	...	1	10	20	800
University Library Staff	...	...	34	33	...	...	...	...	17	20	...	...	...	...
Department of Extension including Extension Library	N/A	...	N/A	...	N/A	...	N/A	...	56	49	185	254	11,112	18,728
Research Council of Alberta	14	8	...	...	241	...	61	...	...	...	14	3	637	450
Department of Physical Education	5	21	1	...	30	10	4	10	3	...	12	35	1,175	1,475
Totals	588	557	194	166	882	695	533	662	226	225	713	1,008	54,992	56,404

Table II.—Record of Lectures given by the Staff of the Department of Extension during the year ending March 31, 1950

	Lectures or Demonstrations	Audiences	Radio Talks
Director	45	4,305	4
Assistant Professor (Apr.-Oct.)	37	2,418	4
Assistant in Extension	3	210	4
Agricultural Secretary	47	1,999	3
Lecturer in Extension (Sept.-March)	8	610	25
Extension Drama Specialist	29	939	5
Extension Librarian	7	27	6
Supervisor, Division of Visual Instruction	9	604	5
	185	11,112	56

SHORT COURSES, CONFERENCES AND CLASSES

One of the most effective methods of carrying out extension work is through the agency of the extension short course or conference and through organized evening classes held at fixed times over a period of weeks or months. All three methods are being used by the University. Some of the meetings are held on the campus, others at the Banff School of Fine Arts, and others at suitable centres throughout the province. Such arrangements make it possible for the University's resources to be fully mobilized in the interests of a particular group with a minimum expenditure of time and money. It also makes possible the utilization of the skills and specialized knowledge of a large number of non-university people who can be brought in for special lectures and demonstrations.

The best evidence that these short courses and conferences fill an important need in the province is demonstrated by the fact that many of them are getting quite a history behind them. There have been 31 annual Farm Young People's weeks, 29 Annual Feeders' Days, 17 annual sessions of the Banff School of Fine Arts, 11 annual Refresher Courses in Municipal Administration, to mention just a few.

The 71 short courses, conferences and classes held in the past year is the largest and most varied educational bill of fare ever offered by the University. The courses included everything from Mud Schools for roughnecks in the oil drilling industry, to courses in painting and music appreciation for lovers of the arts. That is probably as wide a range of adult educational activity as will be found anywhere, and is striking evidence of the way in which the University of Alberta serves the varied needs and interests of its constituency.

A complete list of the short courses, conferences and classes held during the academic year 1949-50 is shown in Table III.

Increasing interest in drawing and painting is evidenced by the increase in the number of classes offered in Art. Some 176 Edmonton students took advantage of the 15 classes offered at the University as compared with 119 students in 12 classes last year. In rural centres 15 classes with a total attendance of 304 met weekly for lectures and demonstrations over periods of twenty or more weeks. These figures

Table III.—Short Courses, Conferences and Classes Arranged and Organized by the Department of Extension

Course, Conference, Class	Sponsored by	Held at	Dates	Duration (days)	Attendance
1. Child Care and Development	School of Nursing and Faculty of Medicine	Edmonton	April 20-22	3	76
2. Recreational Leadership	Health and Recreation Branch, Dept. of Education and Edmonton Recreation Commission	Edmonton	May 2-14	13	25
3. Short Course—Librarians of Small Libraries	University of Alberta and Edmonton Public Library	Calgary	May 9-12	4	28
4. 11th Annual Refresher Course—Municipal Administration	Alberta Association of Municipal District Sec.-Treasurers and Dept. of Municipal Affairs	Edmonton	May 25-27	3	55
5. First Mud School	Canadian and American Association of Oil Well Drilling Contractors and the Alberta Petroleum and Natural Gas Conservation Board	Edmonton	May 16-27	12	62
6. Second Mud School	Alberta School Trustees Association and Alberta Divisional Secretary-Treasurers Association.	Edmonton	May 30-June 10	12	86
7. 5th Annual Refresher Course—School Administration	Faculty of Agriculture, School of Household Economics and School of Nursing	Edmonton	May 31-June 2	3	77
8. 31st Annual Farm Young People's Conference	District Community Organizations	Edmonton	June 3-10	8	173
9. Community Life Conference	"	Sask. Island Lutheran Camp	July 2-5	4	126
10. " "	"	Bear Lake Sports Ground	July 7-10	4	146
11. 5th Annual Refresher Course—Sanitary Inspection	Sanitary Inspector's Section of the Alberta Public Health Association and Faculty of Agriculture	Edmonton	Sept. 14-17	4	19
12. Extension Methods and Techniques	Canadian Association for Adult Education	Banff	Oct. 3-14	12	80
13. Portrait	Department of Fine Arts	Edmonton	Oct. 12-April 14	24 wks	12
14. Community Art Classes:	"	Edmonton	"	24 "	13
15. Life Drawing	"	Edmonton	"	24 "	24
16. Composition	"	Edmonton	"	24 "	12
17. Anatomy	"	Edmonton	"	24 "	11
18. Water Color	"	Edmonton	"	24 "	15
19. Life Drawing	"	Edmonton	"	24 "	19
20. Composition	"	Edmonton	"	24 "	5
21. Still Life—Water Color	"	Edmonton	"	24 "	15
22. Mixed Technique	"	Edmonton	"	24 "	7
23. Still Life—Water Color	"	Edmonton	"	24 "	10
24. Mixed Technique	"	Edmonton	"	24 "	8
25. Tuesday a.m. (a)	"	Edmonton	"	24 "	8
26. Tuesday a.m. (b)	"	Edmonton	"	24 "	5
27. Thursday a.m.	"	Edmonton	"	24 "	12
28. Still Life—Oil	"	Edmonton	"	24 "	7
29. Freehand Perspective	"	Edmonton	"	24 "	7

30. Community Art Classes	Brooks Art Club	Brooks	Oct. 13-March 30	26	"	20
31. " "	Medicine Hat Art Club	Medicine Hat	Oct. 14-April 1	36	"	30
32. " "	Lethbridge Art Club	Lethbridge	Jan. 10/50-May 23	20	"	15
33. " "	Macleod Art Club	Macleod	Feb. 13/50-May 22	15	"	15
34. " "	Blairmore Art Club	Blairmore	March 1/50-June 25	23	"	25
35. " "	High River Sketch Club	High River	Oct. 22-April 1	40	"	20
36. " "	Didsbury Art Club	Didsbury	Oct. 19-March 29	21	"	12
37. " "	Olds Art Club	Olds	Oct. 19-March 27	21	"	15
38. " "	Red Deer Art Club	Red Deer	Dec. 8-April 6	30	"	35
39. " "	Wetaskiwin Art Club	Wetaskiwin	Nov. 18-March 31	18	"	12
40. " "	Lacombe Art Club	Lacombe	Oct. 27-March 30	20	"	25
41. " "	Ponoka Art Club	Ponoka	Oct. " "	20	"	20
42. " "	Camrose Art Club	Camrose	Nov. 21-March 27	17	"	15
43. " "	Jasper Art Club	Jasper	Nov. 12-March 18	15	"	20
44. " "	Vegreville Art Club	Vegreville	Oct. 7-March 31	32	"	25
45. Hospital Administration	Faculty of Medicine and School of Nursing	Edmonton	Jan. 30-March 10	34	"	31
46. Choral Leadership	Department " "	Red Deer	Feb. 27/50-May 1	10	"	41
47. Music Appreciation	Reg. Institute of Indus. Accountants	Edmonton	Feb. 20/50-April 24	10	"	61
48. Accounting I	" "	Edmonton	Oct. 10-March 20	20	"	29
49. Accounting II	" "	Edmonton	" "	20	"	29
50. Business Mathematics	" "	Edmonton	" "	20	"	30
51. Fundamentals of Cost Accounting	" "	Edmonton	" "	20	"	17
52. Accounting I	" "	Edmonton	" "	20	"	26
53. Accounting II	" "	Calgary	" "	20	"	18
54. Business Mathematics	" "	Calgary	" "	20	"	25
55. Fundamentals of Cost Accounting	" "	Calgary	" "	20	"	12
56. Paint Power	Faculty of Engineering	Edmonton	Jan. 27-Feb. 24	20	"	30
57. Asphalt Paving	Dominion Dept. of Natural Resources	Edmonton	Feb. 13-18/50	5	"	80
58. Forest Conservation	and Development (including National Parks Services and Dominion Wildlife Division) and the Provincial Dept. of Lands and Forests	Banff	Feb. 6-25/50	6	"	36
59. Wildlife Management	N.F.B. and Community Organizations	Banff	Feb. 27-March 11	13	"	37
60. Film Workshop	" "	Red Deer	Feb. 1	1	"	200
61. " "	" "	McLennan	Feb. 8	1	"	63
62. " "	" "	Peace River	Feb. 9	1	"	76
63. " "	" "	Grande Prairie	Feb. 13	1	"	66
64. " "	" "	Dawson Creek	Feb. 15	1	"	73
65. Make-up Class	Catholic Youth Organizations	Edmonton	Jan. 30-Feb. 27/50	5 wkly lects.	"	15
66. Drama Workshop	Local Drama " "	Raymond	March 6-8/50	3	"	150
67. " "	" "	Olds	March 4-16/50	3	"	20
68. " "	" "	Parkland	Feb. 20-22/50	3	"	15
69. " "	" "	Sedgewick	March 21-24-50	4	"	50
70. Preliminary Short Course in Painting	University of Alberta	Banff	June 27-July 9	13	"	30
71. 17th Annual Session of the Banff School of Fine Arts	" "	Banff	July 11-Aug. 20	40	"	488

compare favorably with the 10 classes and total attendance of 307 of the previous year.

New Courses.

Some thirty-one nurses and matrons of small hospitals in Alberta and Saskatchewan enrolled in the University's short course in Hospital Administration. Of six weeks duration this course covered a variety of topics including Hospital Accounting, Personnel Policies, Food Service and Nutrition, and Public Relations.

A new course of ten lectures in Music Appreciation was offered in Edmonton this year. Aptly illustrated with recordings and films, these lectures traced the development of music from ancient times to the present. Another new course, Paint Power, sponsored by the Edmonton Paint Club offered another opportunity to the University to work with Alberta business and industry. This course covered the physics and chemistry of paint, its uses and merchandising.

The University of Alberta in co-operation with the Canadian and American Associations of Oil Well Drilling Contractors and the Alberta Petroleum and Natural Gas Conservation Board presented the First and Second Mud Schools in May and June, 1949. The purpose was to offer instruction in the principles and practice of handling and controlling drilling fluid, standard mud tests, the use of chemical and weighting materials and the control of mud quality. Lectures and laboratory work were completed by 148 men under the direction of James E. Conway, Drilling Fluid Specialist of the University of Texas, and members of the staff of the Department of Chemical Engineering of the University of Alberta.

Another new course of special interest to engineers was the six-day course in Asphalt Pavements—Their Design and Construction, held in February, 1950. Eighty (80) construction engineers from all parts of Canada met in Banff to discuss all aspects of asphalt pavements including the selection and treatment of base course and pavement materials, the application of soil mechanics to the design and construction of their foundations and the inspection and control of construction operations.

In co-operation with the National Parks Services of the Dominion Department of Resources and Development and the Provincial Department of Lands and Forests, the Department of Extension organized and directed courses in Forest Conservation and Wildlife Management. Of three and two weeks' duration, each course was designed to increase the efficiency of Park Wardens and Forest Rangers and to assist in qualifying recruits for these services. A total of seventy-three (73) men from various parts of Canada attended these courses which were held in Banff in February and March.

THE STUDY GROUP PROGRAMME

Citizens' Forum.

Chief among the Department's study group activities carried on during the year was Citizens' Forum which is sponsored jointly by the

Canadian Association for Adult Education and the Canadian Broadcasting Corporation.

Some 3000 study bulletins were distributed in Alberta to 175 Forum listeners and other interested persons, a substantial increase over last year. Thirteen Forums were formally registered in Alberta and sent in weekly reports of their discussions to the Department of Extension for summarization and presentation on the air.

Plays and Study Course Material.

During the year, 385 copies of new plays were sent out as compared with 445 in the previous year. Twenty (20) sets of study material on Credit Unions, Co-operation, Child Psychology and Public Speaking as compared with 40 sets last year, were distributed. The demand for Proceedings of the 1945 course in Soil Mechanics and Concrete was sustained and 120 copies were sold as compared with 96 in the preceding year.

RADIO EXTENSION WORK

During the year a total of 218 radio talks were given. This was a slight reduction from the 235 given the previous year. Of the total number, 56 were given by members of the staff of the Department of Extension and the balance by regular members of the teaching staff. One of the most popular features of the University's radio programme has for many years been its programme of good music broadcast regularly over Radio Station CKUA. The fact that such a programme could be enjoyed undiluted with soap, purgatives and moaning crooners has had much to do with the public demand for the continuance of CKUA as a government-operated non-commercial station.

THE UNIVERSITY NEWS LETTER

During the year the Department of Extension has been responsible for the assembly and distribution of the University News Letter. Thirteen issues have been published, copies being sent to 220 individuals, organizations and weekly newspapers.

Items of interest carrying news of faculty changes and appointments and various University activities are carried in the News Letter. This provides an accurate basis for many news articles appearing in the press, and also serves to enable interested individuals to maintain contact with University affairs.

AGRICULTURAL EXTENSION AND PUBLICATIONS

As will be seen from Table I, the Faculty of Agriculture maintained the same heavy programme of extension work as in the past. Altogether the Faculty gave 139 extension lectures and 46 radio talks during the year. In addition, 411 days were given to extension correspondence and 253 to extension interviews. Audiences attending the extension lectures totalled 13,055 in comparison with 13,815 the year before.

As in the past, there has been a very close and harmonious working arrangement between the University and the Provincial and Dominion

Departments of Agriculture as well as with many of the commercial companies engaged in the agricultural industry.

Attendance at the annual University Livestock Feeders Day has become one of the traditions of the livestock industry in the province of Alberta. On June 4th, 1949, some 600 of the leading breeders and feeders from all over Alberta were in attendance to hear the reports of the year's experiments and feeding trials. Hundreds of citizens from both town and country are now getting the habit of attending such other feature days at the University at the Annual Visitors' Day for the Plant Science Department, and the Annual Horticultural Field Day.

The agricultural extension work of the Department of Extension is confined mainly to the provision of special lectures, participation in short courses, the distribution of bulletins, and the answering of hundreds of letters of general inquiry concerning agricultural problems.

Agricultural Publications.

In the period under review approximately 1,254 requests for agricultural publications were received and dealt with. In addition, 600 letters requesting specific information were referred to other departments. The Agricultural Secretary replied to approximately 500 letters.

The following bulletins were printed during the year:

Bulletin 52—"Sheep Production in Alberta"—replacing Bulletin No. 19—5,000 copies.

Bulletin 54—"Small Fruit Growing in Alberta"—10,000 copies.

Bulletin 55—"Insects of the Alberta Farmstead"—10,000 copies.

Bulletin 41—"Care and Feeding of Dairy Cattle" (revised)—5,000 copies.

Two Soil Survey bulletins were authorized for publication but have not yet been put in the press. They are:

Bulletin 51—"Soil Survey Report of the Red Deer Sheet."

Bulletin 53—"Soil Survey Report of Watina Sheet."

During the period 26,637 bulletins, circulars and leaflets, dairy cattle and swine barn sheets and soil maps were sent out. In addition, 500 copies of publications received from the Provincial Department of Agriculture, as well as a number of mimeographed circulars were distributed.

Since the publication of agricultural bulletins commenced, 572,800 bulletins, circulars, leaflets, cattle and swine barn sheets and soil maps have been printed, and 495,799 distributed through the Department of Extension. All bulletins are free to residents of the province and to a special mailing list.

Press Bulletin.

During the period covered by the report, 10,000 copies of the Press Bulletin "Seasonal Notes by the Department of Plant Science, were sent to the mailing list. Another Press Bulletin on "The Feeders' Day Programme" was prepared by the Department of Animal Science, and the circulation of this bulletin was 2,000.

THE EXTENSION LIBRARY

The circulation of books from the Open Shelf section of the Extension Library recorded an increase of 10,000 over the previous year, the largest increase ever shown in a single year. The reason for this increase was the publication and distribution of the new Open Shelf catalogue at the beginning of the year. The catalogue is a most important link between the library and its public and fully justified the amount of time and expense which goes into its preparation.

Among the Open Shelf books, those having the largest circulation were as usual books of fiction. Next in order were those in the Useful Arts classification. An increase was recorded in the number of plays circulated and in the number of books on art and music. Over 1,200 books were sent from the library to the Banff School of Fine Arts during the summer; and under the direction of Miss Chiverton, who acted as librarian at Banff, there was an increase in circulation of 1,312 over the previous year.

Special mention should be made of the increase in the number of Special Libraries sent out. Most of these libraries are specially made up for children, and in spite of the increased share of the book vote set aside for this purpose the Library could not keep up with the demand. The increase recorded in this section was from 120 special libraries last year to 170 this year.

There was a decrease in the circulation of the regular Travelling Libraries of 28 in spite of a considerable improvement in their general quality. A reason for this may be some duplication between the Travelling Library service and the rapidly increasing number of small community libraries throughout the province. A number of the community libraries are using the travelling libraries to supplement their own collections, and this is a desirable arrangement which will probably increase in the future.

The Extension Library has co-operated with the small community libraries by sending the library catalogue to those wishing to have it. Through the co-operation of the Alberta Library Board, the librarian was able to visit seven community libraries during the year and to give them valuable practical advice and assistance.

Miss Flora Macleod, the Extension librarian, was also in charge of the third annual short course for the librarians of small libraries held under the auspices of the Department and the Alberta Library Board in May, 1949.

Last fall the Alberta Wheat Pool, the United Grain Growers and the U.F.A. Central Co-operative Association co-operated in distributing posters advertising the library and its services so well that the advertising campaign had to be curtailed because the library could not fill the demand created. This suggests that in spite of the increase in the number of community libraries and the growth of the Penguin type library in practically every drug store, there is still a big unsatisfied demand for library service if people know how and where to get it.

Members of the extension library co-operated with the staff of the main library in presenting "The Books at Random" series of book talks on CKUA each week. This is a series devoted to the discussion of library matters and to reviews of new and important books.

One of the gratifying highlights of the year's work in the Library was the accessioning of nearly 3,000 new books. While this large addition required quite a lot of time for ordering, classifying and preparing these new editions for circulation, they were a fine addition to the library.

A detailed statistical analysis of the library service follows:

Open Shelf Circulation:

Books:	1949-50	1948-49	Difference
Adult	41,613	37,399	+4,214
Juvenile	8,838	7,278	+1,560
Banff	6,378	5,246	+1,132
Periodicals and pamphlets	3,926	4,304	— 378
	<u>60,755</u>	<u>54,227</u>	<u>+6,528</u>

Travelling Library Circulation:

Regular Libraries	6,688	7,179	— 491
Special Libraries	11,325	7,148	+4,177
	<u>18,013</u>	<u>14,327</u>	<u>+3,686</u>

(The figures for Travelling Library circulation are sent in by the custodians of the libraries.)

Total circulation	<u>78,768</u>	<u>68,554</u>	<u>+10,214</u>
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Travelling Libraries Sent Out:

Regular Libraries	179	207	— 28
Special Libraries	170	120	+ 50
	<u>349</u>	<u>327</u>	<u>+ 22</u>

Book Stock:

Books at April 1, 1949	27,713
Accessions: By purchase, 2524; by gifts, 385; total	2,909
Withdrawals	<u>252</u>
Net increase	<u>2,657</u>
Books at April, 1950	<u>30,370</u>

Membership.

A three-year Open Shelf membership file has been established and with only two years out of the three recorded so far, the file shows an individual and family borrowers list of 4,572. In addition to this, 177 different groups used Travelling Library facilities in the year 1949-50.

VISUAL INSTRUCTION

The total number of reels of moving picture film distributed by the Department of Extension during the year was 22,500, an increase of 2,500 reels over the previous year. While more still and motion picture

material was sent out than in the previous year, there was a slight reduction shown in the number of people seeing them, the reduction being from 535,049 to 499,325. During the last few years a policy of establishing branch film libraries has gradually been put into effect. This year the circulation of films from the branch libraries increased by 40%. The advantages of decentralization are several; first, it relieves some of the pressure of work on the main library, secondly it makes a supply of films more conveniently available to people wanting to use them, and thirdly the borrower can get them at less expense and consequently he uses more.

At the present time there are over 3,000 reels of film in the University's film library; thus it is one of the largest sources of educational films in Canada. In addition to its own films, the library serves as a depository for films from the National Film Board, the National Film Society, and for a number of other firms and distributors. Most of the sponsored films and many of the National Film Board films are circulated regularly among the branch libraries which together make up a co-operative organization known as The Alberta Circulating Film Exchange.

As in previous years, several film utilization workshops were held at centres where branch libraries of the Film Exchange are located. These points are: Red Deer, McLennan, Peace River, Grande Prairie and Dawson Creek.

A new innovation in connection with the film utilization workshop at Red Deer this year was the holding of a Film Festival as part of it. Films were shown continuously during an afternoon and evening with a change in the type of film at the end of each hour. The topics covered were: Health, Recreation, Art Education, Religion, and Natural History. These programmes were arranged and sponsored by the National Film Board, the Department of Extension, and the local Film Council.

A conference of representatives of Film Libraries, Film Councils, the National Film Board, and the Department of Extension was held in Calgary in December for the purpose of discussing matters and problems common to these organizations in relation to the provision of community film service and to the more efficient functioning of the Alberta Circulating Film exchange. The conference has already borne fruit in ironing out some of the difficulties of the exchange system, and it is likely that further conferences of a similar nature will be held.

Exhibits.

Exhibits of Visual Instruction material and equipment were arranged and displayed at a number of important meetings and conferences during the year. These included: The Annual Meeting of the Federated Home and School Association, the Alberta Teachers' Association, the Synod of the Anglican Diocese of Edmonton, the Alberta Conference of the United Church, the Annual Meeting of the Alberta School Trustees' Association, and the University Short Course in Extension Methods and Techniques at Banff.

As an indication of the scope of the work in visual education performed by the Department in addition to the supplying of films, slides and film-strips, and the arranging of exhibitions and displays, many of the lantern slides and film strips used in the University and for extension work, were made in the Department's Photographic division.

This widespread service has brought many expressions of appreciation and commendation from churches, clubs, societies and community organizations who regularly come to the University for service in this important field of education.

Statistical Information, Division of Visual Instruction

Number of moving picture films in the library:		
Silent, 8mm and 16mm	425 titles	472 reels
National Film Society	21 "	42 "
National Film Board	226 "	351 "
N.F.B. in Exchange	186 "	275 "
Films owned by Exchange	70 "	70 "
Sponsored Films	95 "	176 "
Sound films, general	1,208 "	1,685 "
Total silent and sound films.....	2,231 titles	3,017 reels
Number of films added to the library (included in the above)	246 "	385 "
Number of filmstrips in library	1,072 "	.....
Number of sets of 2x2 slides in library	130 "	.....
Sets of old standard slides in library	426 "	.....

Circulation Figures

	1949-50	1948-49	Comparison	
Number of sets of standard slides sent out	148	249	—	101
Number of 2x2 slide sets sent out.....	335	278	—	57
Number of times slides were used.....	445	726	—	281
Total audiences viewing slides, standard and 2x2	20,028	27,617	—	7,589
Sets of filmstrips sent out	1,135	1,470	—	335
Individual filmstrips sent out	2,640	2,410	—	230
Number of times filmstrips were shown	1,524	1,912	—	388
Total audiences viewing filmstrips.....	55,143	58,785	—	3,642
Number of times slide lanterns were loaned	60	36	—	24
Number of times filmstrip and 2x2 projectors were loaned	70	55	—	15
Sets of silent films sent out.....	331	428	—	97
Number of reels of silent films sent out	1,009	1,186	—	177
Sets of sound films sent out	3,483	3,403	—	80
Number of reels of sound films sent out	15,359	15,055	—	304
Total sets of moving pictures sent out	3,814	3,831	—	17
Total number of reels of moving pictures sent out	16,368	16,241	—	127
Total number of showings of films, sound and silent	4,869	5,192	—	323

Total audiences viewing films, sound and silent	499,325	535,049	—35,724
Number of times projection service supplied	510	488	22
Branch library film showings	1,937	1,764	173
Number of reels from Branch Libraries	5,988	4,267	1,721
Aggregate attendance Branch Libraries film showings	184,780	158,727	26,053

FINE ARTS

One of the encouraging signs of Alberta's growing maturity is to be found in the increasing interest being shown in the fine arts each year. A substantial amount of the time spent on University extension is devoted to the organization and administration of courses, exhibitions and displays in the fine arts' field.

While the Banff School of Fine Arts is undoubtedly the most spectacular activity in the extension programme in the Arts, the work at Banff is supported throughout the year by an increasing variety of activities in art, music and drama.

Art.

Nearly 500 persons were in regular attendance in 31 regular art classes sponsored by the University during the past winter. This is an increase of 172 persons and 11 classes over the previous year which was the previous high water mark. A significant feature of this development has been that all of these classes have been financially self-supporting, and many of the most successful ones have been in relatively small communities.

Much of the credit for initiating these classes and for providing supervision of the classes after they have been established, must go to the students of the Banff School living in the community, whose enthusiasm inspired others. Similarly great credit is due to Prof. H. G. Glyde, Prof. J. B. Taylor, Mr. Murray MacDonald, Supervisor of Art in the Edmonton Schools and part-time extension lecturer in art, Mrs. Gwytha Evans, and Miss Janet Middleton, for the enthusiasm and energy they have put into the art programme.

Music.

The course in Choral Leadership under Prof. R. S. Eaton, which was so well received in Edmonton two years ago, was repeated in Red Deer during the past winter with equal success. Aimed at demonstrating the principles of good choral technique, this course attracted 41 students from Red Deer and many surrounding communities.

In response to a demand, a new course in Music Appreciation was offered in Edmonton under the leadership of Mr. Arthur Crighton during the winter term. Sixty-one (61) persons attended the ten lectures spread over a ten-week period.

The University Mixed Chorus under the leadership of Prof. Eaton, met with its usual enthusiastic response wherever it went. This happy

development which reflects great credit on Prof. Eaton, is becoming one of the very fine public relations activities of the University as well as a fine cultural achievement.

Drama.

The past year has been one of the most active since before the war as far as extension work in drama is concerned. Miss Esther Nelson, the Extension Specialist in Drama, made 41 visits to 26 community centres for the purpose of assisting groups with their dramatic work. Sixty-five (65) communities were given assistance in the selection of plays, and another eleven groups received personal assistance in the production of their plays.

Drama workshops of three and four days' duration were held at Raymond, Parkland, Olds, and Sedgewick; and the Alberta Regional Festival held in Edmonton in January was the most successful since 1939.

During the late winter months the Department of Extension has been co-operating with the Cultural Activities Branch of the Department of Economic Affairs and the Alberta Drama Board in arranging a tour of 30 Alberta centres, by a group of University students known as The Provincial Players. Plans have been made to have this group go on tour with a programme of three one-act plays by the Canadian author, Robertson Davies of Peterboro, Ontario.

During the year, drama adjudications were provided at nine community festivals. Altogether the year just ended has been one of the most active and successful as far as extension work in drama is concerned, that has been witnessed for some years.

The 17th Annual Session of the Banff School of Fine Arts

The Seventeenth annual session of the Banff School of Fine Arts was held at Banff from June 26th to August 20th, 1949, with a total enrolment of 488 students. This was a reduction of 118 from the peak registration of 1948. Part of this reduction was accounted for by a smaller registration in the Art division and by the suspension of the Jasper section which did not draw enough support to warrant its continuance. In spite of the cancellation of formal classes at Jasper, numbers of students went to Jasper on week-end excursions, accompanied by their instructors.

Significant recognition of the Banff School came when The British Council made an arrangement whereby it would assist in making it possible to have one or more of the leading British artists join the Banff Staff each year. Under this arrangement, Mr. Edward Bawden, the distinguished water color painter, became a most valued member of the painting staff.

The outstanding American authority on Painting Technique, Frederic Taubes of New York, was another distinguished artist who made a fine contribution to the School. In addition to these two leading guest artists from outside of Canada, the following leading Canadian painters formed

one of the most talented faculties ever brought together in Canada: Dr. A. Y. Jackson, Prof. Andre Bieler, W. J. Phillips, John Martin, Ann Savage, Murray MacDonald, Joseph Plaskett, Annora Brown, Janet Middleton, and J. B. Taylor. Mr. H. G. Glyde, the head of the painting section, was absent in Europe and was not a member of the 1949 staff.

The painting section was the largest in the School with a registration of 218. This included 4 students who took one week at Jasper, and 36 who registered in a two-week Preliminary Short Course in Painting. This latter course was designed to take care of two groups of students, the larger group made up of people who only get two or three weeks' holidays, and a smaller section who wanted a longer course and took the Preliminary course before continuing with the regular session.

Instructors in the preliminary course were Dr. A. Y. Jackson and W. J. Phillips, and it was the consensus of opinion that the preliminary course should become a permanent feature of the School.

Drama and Ballet Division.

The staff of the drama and ballet division of the School consisted of Robert Stuart from the University of Alberta, Burton James from Seattle, Dr. Evangeline Machlin from New York, John Herder from Rutgers, John Neeson from the University of Georgia, and Esther Nelson from Vancouver.

In ballet the School was exceedingly fortunate in being able to have the course conducted by Gweneth Lloyd of Winnipeg, the founder and director of the famed Winnipeg Ballet. Miss Lloyd was so popular that practically every member of the drama division wanted to take the course in ballet and rhythmic.

A total of 80 students were registered in this division and they were an older and more responsive group than some who attended in previous years. An ambitious programme of plays was put on during Festival Week. These included two evenings of one-act Canadian plays—"In a New World Alley" and "So Sweet in the Spring Time" by William Petty of Montreal, a product of the Banff School classes in playwriting; and "The Voice of the People" by Robertson Davies.

The major play programme consisted of a very good production of the classic King Oedipus under the direction of Robert Stuart; and by way of contrast, on the bill, a production of Thornton Wilder's "Happy Journey". Both programmes played to good houses on two successive evenings each.

Playwriting and Short Story.

The classes in playwriting and short story were under the direction of Dr. E. P. Conkle from the University of Texas. Four students took playwriting and fourteen took short story. Several good stories were written in the courses, and three or four very good one-act plays were written.

Dr. W. G. Hardy, head of the Department of Classics at the University, was special guest instructor in the ten-day Writers' Conference.

This conference is attended by students of the playwriting and short story classes as well as by people who come in especially for it. Altogether 21 people attended the conference, and they spent an intensive period discussing the elements of successful writing and the problems that have to be overcome by all who hope to earn a living with the pen. All were most enthusiastic about Dr. Hardy's intensely practical and commonsense approach to the art of writing.

Music Division.

Banff has long been noted as the Mecca for talented musicians during the summer, and 1949 was no exception. Altogether 90 students were registered in this division. Of this number 51 were taking the master class in piano; 20 were taking piano technique (14 of these took piano and technique); 5 were taking Choral Music, and 28 were taking singing under the distinguished leadership of Dr. Ernesto Vinci of The Royal Conservatory of Music, Toronto.

The master class in piano was under the direction of Jacques Jolas, who returned from Cornell College, Mt. Vernon, Iowa, for the second consecutive year. Mr. Jolas has the great gift of a good teacher in being able to inspire and enthuse his students, and he was fortunate in having a remarkably talented class.

Glenn Nelson, of Vancouver, one of Canada's most successful music teachers, had a fine class in piano technique, and there was a very close integration between the work offered by him with that of Mr. Jolas.

The work in Choral Music under Prof. Richard Eaton of the University of Alberta, had a registration of five full-time students and a number part-time. One of the features of Mr. Eaton's work was the training of the 90-voice Banff School choir. The choir is open to students from all division of the School and has rapidly become one of the most pleasant features of the students' extra-curricular work. The annual presentation of the choir's programme was one of the highlights of Festival Week.

The Weaving Division.

The weaving division, under the direction of Mrs. E. M. Henderson of Winnipeg, Mary Sandin of Edmonton and Winnifred Savauge from Seaforth, Ontario, is rapidly becoming known as one of the leading weaving schools in America. Students come to this division from all over Canada and the United States, and in most years students have had to be turned away. The twenty-seven students in the weaving section included a number of very talented weavers, many of them being instructors from universities and recreation centres in the United States. The display of handwoven materials entered in the exhibition during Festival Week was the finest in the history of the school.

Leathercraft Division.

Leathercraft and glove-making continues to be a popular form of handicraft, and 22 students were registered in this division. Under the direction of Mrs. Alice Van Delinder of Calgary, and Miss Kay Mitchell

of Edmonton, this group proved to be one of the hardest-working groups in the School. As was the case with the weaving section, the display of student work in leathercraft during Festival Week was outstanding. At the close of the School a selection of woven articles and leathercraft items were selected to go with a selection of paintings as a composite exhibition from the Banff School to tour Western Canada and the Central United States.

Oral French Division.

The Oral French division for the eleventh consecutive year was under the direction of Prof. Albert L. Cru, former head of the French language section at Columbia University. Prof. Cru was assisted by Mlle de Buisseret from the University of Alberta, and by Mlle Louise Dumais of Laval University in Quebec, and Miss Catherine Barclay of Calgary. Twenty-seven students, many of them from other provinces and quite a few from American colleges, were in attendance.

It was with deepest regret that both students and staff learned of the death of Prof. Cru at the home of his brother in Massachusetts on September 9th, a few days after his return from Banff. While Prof. Cru had not been in good health during the last year, his passing was sudden and unexpected. In his years at Banff, Prof. Cru gave unsparingly of his talents and enthusiasm, and he made a fine contribution to the ability of many a student and teacher, not only to speak the French language with greater facility but to have a deeper understanding of and appreciation for the culture of France.

Three Permanent Chalets Completed.

While mention has been made in a previous report of the Col. J. H. Woods Memorial gift for the building of permanent residential chalets for the Banff School, it is gratifying to report that three attractive and permanent chalets were completed in November, 1949. The first of these chalets was built by the University, and the two much larger chalets were built with Col. Woods Memorial Fund. The three chalets now provide very comfortable sleeping accommodation for 125 students, dining and lounge accommodation for 400, and classroom accommodation for about 100.

While the buildings provide a very necessary part of the equipment for the successful operation of the Banff School summer session, the fact that the University possesses these facilities is rapidly making Banff and the Banff School into an ideal extension short course centre. Evidence of this can be seen from the fact that between February 1st and September 3rd, 1950, no less than 15 short courses, schools and conferences will be held in Banff.

STAFF

A cursory perusal of this report will indicate that it represents the expenditure of a great amount of energy, time and talent. All branches of the University have shared in the achievement of a record extension programme, and it is only fitting that this great service should be acknowledged. Members of every faculty have given generously of their

time and their special gifts and training. Many of the Faculty members have added to the burden of a heavy teaching load, the responsibility of giving lectures and participating in short courses, some of them many miles removed from Edmonton. They have given these services cheerfully and in generous measure, and it is a pleasure to record our grateful thanks.

A special word of thanks is due to the many people, teachers, ministers, businessmen and plain citizens of all kinds who also contributed generously of their time and effort in order to co-operate with the University in rendering a public service. The willingness of so many people to co-operate and to help has greatly facilitated the carrying out of a heavy programme.

It is again a pleasure to record our deep appreciation to the staffs of the Provincial and Dominion Governments who have joined with the University on numerous occasions in the presentation of lectures, short courses and demonstrations. Without their co-operation many of the activities could not have been held or would have been greatly curtailed.

A special word of thanks is due to the staff of the Department of Extension. Probably to a greater extent than is the case in any other department in the University, this staff has to face the constant demands of the public. On many occasions these demands result in long hours and arduous trips. The staff have measured up to all demands, courteously and cheerfully. They have worked as a team in performing a high standard of public service which has brought credit to themselves and to the University.

During the year two members of the staff of the Department of Extension left for other fields. Mr. A. S. R. Tweedie, who was for three years Assistant Professor in Extension, left to become Director of Extension at the University of Manitoba, Mr. Brian Piercy, who was for two years lecturer in extension, left to join a private business firm. Replacements for these two men have been made in the persons of Mr. Duncan D. Campbell, a graduate of the University of British Columbia, who replaces Mr. Tweedie, and Col. E. W. Cormack, a graduate in Agriculture of this University, who has had a distinguished military career.

STATISTICAL SURVEY

Lectures:

University Teaching staff	528	
Department of Extension staff	185	
Aggregate attendance		54,992
Number of radio talks:		
Extension staff	56	
Teaching staff	168	

Conferences and Short Courses:

See Table, page 8		3,468
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Visual Instruction:

Number of times lantern loaned	60
Film-slides and miniature projectors loaned	70
Sets of lantern slides sent out	148
Sets of miniature slides sent out	335

Number of times slides used	445	
Aggregate attendance lantern lectures		20,028
Film-strips sent out	2,640	
Number of times film-strips used	1,524	
Aggregate attendance film-strips		55,143
Sets of moving picture films sent out from Dept.	3,814	
Number of reels in sets sent out	16,368	
Number of reels from Branch Libraries	5,988	
Number of showings given with films from Dept.	4,869	
Number of showings from Branch Libraries	1,937	
Aggregate attendance, moving pictures		499,325
Aggregate attendance Branch Libraries film showings		184,780

Library and Debating Service:

Number of travelling libraries in use	90	
Number of times sent out:		
Regular libraries	179	
Special libraries	170	
Recorded circulation		18,013

Open Shelf circulation:

Books:		
Adult	38,731	
Juvenile	8,838	
Banff School	6,378	
Plays	2,882	
Periodicals and pamphlets	3,926	
		60,755
Number of package libraries for debaters sent out		80

Study Group Material:

Number of sets of Citizens Forum Bulletins sent out (weekly)	175	
Total number of study bulletins sent out		3,000
Number of sets of other study group material sent out		20

New Canadian Plays and Soil Mechanics:

Number of copies of New Canadian plays sold		385
Number of copies of Proceedings of Soil Mechanics and Concrete course sold		120

Publications:

Press Bulletin, Seasonal Notes	10,000	
Press Bulletin, Feeders' Day Programm	2,000	
		12,000
Agricultural bulletins sent out during the year	26,637	
Mimeo. circulars and other bulletins	500	
		27,137
Total number of bulletins distributed since inception of service	495,799	
University News Letter:		
Number of issues	13	
Circulation 13 x 220		2,860
The New Trail—number sent out		13,930

Recapitulation.

Total aggregate attendance at lectures, conferences and short courses, lantern slide lectures, film-strip programmes, moving pictures, Circulating Film Exchange		817,516
Total circulation of travelling libraries, books, pamphlets, periodicals, plays, sets of study group material, New Canadian plays, package libraries for debaters, Citizens' Forum bulletins, Proceedings of Soil Mechanics and Concrete		82,373
Total circulation of Press Bulletins, Agricultural publications, News Letter, New Trail		55,927

CONCLUSION

This report brings to a close the thirty-seventh year of University extension in the province of Alberta. The manifold ramifications of the extension programme reflect the intimate relationship of the University to all phases of the commercial, industrial, educational and cultural life of the province.

The rapid increase in the number of specialized short courses is a reflection of the increasing complexity of modern society and of the growing maturity of this province in particular. Gratifying as these developments are, probably the most significant aspect in terms of permanent values, is the growth of those activities which have to do with the art of living. So long as interest in the creative arts continues to be high, so long will the University's work continue to flourish in a fruitful soil.

Respectfully submitted,

DONALD CAMERON,
Director.

ANNUAL REPORT

on Extension Activities of the University
of Alberta



for the Year ending March 31st
1951

Published by
Department of Extension, University of Alberta
Edmonton, June, 1951

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DONALD CAMERON, B.Sc., M.Sc., Director, Department of Extension.

Annual Report on Extension Activities

of the

UNIVERSITY OF ALBERTA

For the Year ending March 31st, 1951

Edmonton, April 25th, 1951.

Dr. Andrew Stewart,
President, University of Alberta.

Mr. President:

I have the honour to submit the thirty-eighth Annual Report on Extension Activities for the year ending March 31st, 1951. The Report gives a complete and detailed outline of the educational activities in which members of the various Faculties participated in addition to their regular class-room and research duties.

In spite of the heavy academic load carried by members of the staff, the time they have been able to give to University extension activities has shown a marked increase. The amount of time devoted to the preparation and delivery of extension lectures and demonstrations is 921 man-days, a figure which is nearly double that of the preceding year. Over 1,300 lectures were given to audiences totalling 102,000 as compared with 713 lectures and audiences of 55,000 during the 1949-50 period. The time given to the preparation of radio talks was much the same as in the preceding year, 190 man-days, although the number of talks given rose from 226 to 271. A decrease in the time given to extension correspondence from 882 to 801 man-days is offset by the increase in the amount of time given to extension interviews from 533 to 740 man-days.

It is gratifying to note that the increasing time given to extension work is characteristic of almost all Faculties, and it serves to underline the growing part the University is playing in the life of the Province.

A particularly significant feature of this Report is the rapid growth in the number of short courses, classes and conferences arranged and organized by the University. A total of 86 of these was held during the year as compared with 71 in the previous period and 54 in 1948-49. That these projects are not confined to Edmonton is evident from Table III. It will be noticed also that an increasing number of the courses are becoming longer and more substantial in content. Some indication of the importance of this program is gained from the fact that as many adults took part in the extension classes and short courses as are presently enrolled as regular students in the University.

Highlight of the winter program was the series of evening classes offered. Ten courses—Music, Interior Decoration, Commercial Law,

Economics, World Affairs, Conversational French, Landscaping, Child Psychology and Art—attracted a total enrolment of 750 persons. The response to this project, coupled with the appreciative comments from the students would indicate that the program could be expanded another year.

A survey of the program of courses indicates that its character is dynamic and changing. Courses which have served a purpose or which have met and fulfilled a need are dropped only to be replaced with new courses in fresh fields. Among the new courses established this year to meet a variety of new interests was a ten-week course in Personnel Testing Methods sponsored by the Edmonton Personnel Association and the University's Department of Psychology. A course in Rural Leadership sponsored by the University in co-operation with the Alberta Wheat Pool, the United Grain Growers, the Farmers' Union of Alberta and the U.F.A. Central Co-operative Association was highly successful in realizing its object of giving training to potential rural leaders. A series of courses for nurses entitled "Improving Nursing Care" was held in Edmonton, Calgary and Lethbridge and was attended by a total of 265 nurses. A specialized course in Nursing Service Personnel drew 78 nurses from Edmonton and district. Sixty-four purchasing agents gathered to hear a series of lectures devoted to the problems of bulk buying, while a course in Conversational English drew a small but enthusiastic group of recent immigrants to Canada. The Third Mud School held in May for men in the oil-drilling industry was followed by a two-week Oil Treating School and a Gas Metering School for other specialized workers in the industry. There was also a Management Institute for oil executives held in Calgary—all under the direction of the Department of Chemical and Petroleum Engineering and the Department of Extension. Ten Provincial Government Wardens attended an intensive three-day course in Fishery Management under the direction of the University's Department of Zoology.

The Community Art classes, a project which is unique in Canada, attracted 500 students to 27 classes in the Province. Several new classes including those at Manville, Stettler, Viking and Devon were organized during the year.

The upward trend in book circulation shown by the Extension Library four years ago has continued. An analysis of circulation figures for the past year shows a substantial increase in each of the sections—Open Shelf, Travelling Libraries and Special Libraries. The average circulation increase over the preceding year is 13%.

Paralleling this trend, the work of the Division of Visual Instruction has continued to grow. Circulation over the past two years has shown a 25% increase from 20,000 to 25,000 reels, and the stock of films in the library has improved in quality and increased in quantity. Over 200 new additions were made to the film library during the 1950-51 period. The Division has been especially active in working with various Provincial organizations in sponsoring film festivals, workshops, and generally promoting effective visual instruction.

The steady growth in the number of school and community drama festivals is indicative of the effective service of the Extension Specialist in Drama. More and more Alberta communities are requesting and being given help through class instruction and personal visits. Highlighting the University's work in drama is the Studio Theatre. This small but capable group working under the supervision of the Drama Division has won much praise for a variety of fine productions during the year.

Considerable interest is being shown by the public in various field days and exhibitions sponsored by several Faculties. An estimated 11,000 people made a first-hand acquaintance with the work of the University through the annual Feeders' Day, Plant Science Field Day, Soils Department Field Day at Breton, Agriculture Club exhibition, and the Science Association Exhibit meeting.

The year has also been a busy one for the Banff School of Fine Arts which attracted 488 students to its regular summer session. More significant is the increase in the number of short courses, classes and meetings held at the School under the sponsorship of provincial, national and international associations. A total of 1,800 people registered at the School for 19 different conventions and short courses during the year.

SHORT COURSES, CONFERENCES AND CLASSES

From the standpoint of educational content and the effect on a large number of communities, the University's short course program continues to be one of the most important phases of its extension work. The types and varieties of courses offered call for a wide variety of skills and knowledge from faculty and non-faculty members alike. The value of the program as a public service is indicated by its many-sided impact on the community and further attested by appreciative comments from participants.

Outstanding among the new projects undertaken by the University was a series of Evening Classes in Choral Leadership, Commercial Law, Canadian Economic Problems, Interior Decoration, Conversational French, World Affairs, Landscaping the Small Lot, Child Psychology, Art History and Appreciation and Music Appreciation. Each of these courses consisted of ten ninety-minute weekly lectures. The speakers were drawn almost entirely from the University staff. More than 750 people enrolled for the courses of which some 60% were women. That the courses were generally well received was indicated by the surprisingly large number of comments volunteered:

Table I.—University Extension Activities during the year 1950-51

Faculty or Department	Ext. Lects.		Radio Talks		Ext. Corr.		Extension		No. of		No. of		Total Attendance	
	50-51	49-50	50-51	49-50	50-51	49-50	50-51	49-50	50-51	49-50	50-51	49-50	50-51	49-50
Arts and Science including School of Household Economics	306	137	42	48	63	57	104	42	60	41	541	221	15,913	7,762
Faculty of Engineering	58	10	1	3	61	25	88	34	2	4	70	9	3,060	430
Faculty of Medicine including Schools of Pharmacy and Nursing	102	60	4	6	34	47	77	75	4	7	98	31	9,855	2,718
Faculty of Agriculture	227	139	53	38	369	411	352	253	61	51	181	110	28,274	13,055
Faculty of Education	160	170	51	63	37	70	40	63	77	46	173	101	19,705	16,129
Faculty of Dentistry	32	52	.....	.....	3	1	1	1	.....	.....	5	29	254	1,954
Faculty of Law	2	1	.....	.....	.....	.....	.....	.....	.....	1	3	1	265	20
University Library Staff .....	.....	.....	38	34	.....	.....	.....	.....	17	17	.....	.....	.....	.....
Department of Extension including Extension Library	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	48	56	228	185	17,099	11,112
Research Council of Alberta	5	14	.....	.....	218	241	66	61	1	.....	28	14	990	637
Department of Physical Education	29	5	1	1	16	30	12	4	1	3	56	12	6,438	1,175
Totals.....	921	588	190	194	801	882	740	533	271	226	1359	713	101,853	54,992

**Table II.—Lectures, Demonstrations and Radio Talks Given by the Staff
of the Department of Extension during the year ending
March 31, 1951**

	Radio Talks	Lectures or Demonstrations	Audiences
Director	3	60	7770
Assistant Professor	4	21	1121
Agricultural Secretary	3	73	3429
Lecturer in Extension	24	12	682
Extension Drama Specialist	4	8	318
Extension Librarian	6	2	323
Supervisor, Visual Instruction Division	4	52	3456
	48	228	17,099

“Excellent course, well presented, easily understood.”

“I find it very interesting as we are in business and it has been beneficial and practical.”

“Very interesting and capable instructors. Discussion period is of particular value.”

I have found the present course very informative and enjoyable. The instructors have been clear and concise in their presentation of their material.”

“The distance I travel, 40 miles, every Tuesday to attend these classes can mean only one thing, i.e., I enjoy them very much.”

“This has given a background which enables us to understand better what is going on and being done internationally in reading and listening to the news.”

“I would not have believed that I could gain so much from the small amount of time and money involved. The lecturer presented a great deal of material into the allotted time and it was always interesting.”

Courses of this type have a twin function; not only do they provide intellectual refreshment to eager students, but also they serve as a valuable point of contact for the University teacher with the community he serves.

The surge in the flow of immigrants from Europe has added another responsibility to the University, that of welcoming these new arrivals and aiding them to become a useful part of the nation. With this duty in mind, the Department organized an experimental short course in Business and Conversational English for a small group from the Netherlands. The group met weekly to perfect their knowledge of pronunciation and idiom and to discuss such matters as Canadian Government, Canada's economic future and place in the world, the United Nations and opportunities in various fields of endeavor. Each student produced weekly written assignments such as business letters, including applications for employment and essays giving impressions of his newly-adopted country.

Table III.—Short Courses, Classes and Conferences Arranged and Organized by the Department of Extension

Course, Class, Conference	Sponsored by	Held at	Dates	Duration	Attendance
1. Community Art Class	Devon Art Club	Devon	Feb. 8-May 10	14 wky. lects.	15
2. " "	Medicine Hat Art Club	Medicine Hat	Oct. 20-Apr. 14	23 "	30
3. " "	Brooks Sketch Club	Brooks	Oct. 19-Apr. 12	24 "	15
4. " "	Lacombe Art Club	Lacombe	Oct. 18-Apr. 18	25 "	25
5. " "	Stettler	Stettler	Oct. 31-Apr. 10	22 "	25
6. " "	Wetaskiwin Art Club	Wetaskiwin	Nov. 10-Apr. 6	21 "	15
7. " "	Camrose Art Club	Camrose	Oct. 17-Apr. 17	25 "	20
8. " "	Vegreville Art Club	Vegreville	Oct. 13-Apr. 13	26 "	30
9. " "	Mannville Art Club	Mannville	Nov. 3-Apr. 20	24 "	20
10. " "	Viking Art Club	Viking	Oct. 18-Apr. 18	25 "	20
11. " "	Jasper Art Club	Jasper	Oct. 21-Apr. 14	23 "	30
12. " "	Red Deer Art Club	Red Deer	Oct. 19-Apr. 19	26 "	30
13. Life Drawing and Painting	Department of Fine Arts	Edmonton	Oct. 16-Apr. 23	23 "	10
14. Portrait and Life Drawing	"	"	"	23 "	21
15. Composition	"	"	"	23 "	52
16. Advanced Life Painting	"	"	"	23 "	10
17. Pictorial Design and Tech.	"	"	"	23 "	5
18. Anatomy	"	"	"	23 "	4
19. University Women's Club	"	"	"	23 "	7
20. Pictorial Comp. and Tech.	"	"	"	23 "	8
21. Comp. in Water Color	"	"	"	23 "	6
22. Portrait and Life Drawing	"	"	"	23 "	26
23. Composition	"	"	"	23 "	39
24. Still Life-Water Color	"	"	"	23 "	19
25. Theory of Color	"	"	"	23 "	4
26. Portrait and Life Drawing	"	"	"	23 "	7
27. Silk Screen Theory and Practice	"	"	"	23 "	7
28. Choral Leadership	Department of Extension	"	"	23 "	42
29. Commercial Law	"	"	Jan. 22-Mar. 26	10 "	136
30. Can. Econ. Problems and Policy	"	"	Jan. 22-Mar. 26	10 "	31
31. Interior Decoration	"	"	Jan. 23-Mar. 27	10 "	269
32. Conversational French	"	"	Jan. 23-Mar. 27	10 "	39
33. Canada and the World	"	"	Jan. 24-Mar. 28	10 "	51
34. Landscaping the Small Lot	"	"	Jan. 24-Mar. 28	10 "	97
35. Teen Agers and Their Problems	"	"	Jan. 25-Mar. 29	10 "	17
36. Art History and Appreciation	"	"	Jan. 25-Mar. 29	10 "	20
37. Music Appreciation	"	"	Jan. 26-Mar. 30	10 "	54
38. Personnel Testing Methods	"	"	Jan. 26-Mar. 30	10 "	25
39. Accounting I	Department of Psychology and Ed- monton Personnel Association	"	Jan. 9-Mar. 13	10 "	19
40. Fund. of Cost Accounting	Reg. Institute of Indust. Accountants	"	Oct. 9-Mar. 30	20 "	23
41. Ind. Org. and Management	"	"	"	20 "	15

42. Mathematics	Reg. Inst. of Indust. Accountants	Edmonton	Oct.	9-Mar. 30	20	"	19
43. Accounting I	"	Calgary	"	"	20	"	40
44. Fund. of Cost Accounting	"	"	"	"	20	"	14
45. Ind. Org. and Management	"	"	"	"	20	"	8
46. Mathematics	"	"	"	"	20	"	29
47. 6th Annual Refresher Course in Alta. Public Health Assoc., Faculty of Agric., and Dept. of Extension	Sanitary Inspection	Edmonton	Apr. 17-21	5 days	5 days		26
48. 12th Refresher Course in Muni-Sec.-Treas. and Dept. of Mun. Affairs	Refresher Course	Edmonton	May 24-27	4 days	4 days		63
49. Recreational Leadership	Health and Recreation Branch, Dept. of Phys. Ed. and Rec. Commission	Edmonton	May 22-June 10	20 days	20 days		33
50. Third Mud School	*C.A.O.D.C.	"	May 29-June 9	12 days	12 days		59
51. Oil Treating School	Western Can. Petroleum Assoc.	"	June 12-23	12 days	12 days		33
52. Management Institute	C.A.O.D.C.	Calgary	June 23-24	2 days	2 days		36
53. Fourth Mud School	C.A.O.D.C.	Edmonton	June 12-23	12 days	12 days		28
54. Gas Metering School	Dept. of Petroleum and Chemical Engineering	Edmonton	Aug. 21-Sept. 1	12 days	12 days		27
55. Short Course for Small Libraries	Alta. Library Association and Dept. of Extension	"	May 30-June 2	4 days	4 days		23
56. 22nd Annual Farm Young People's Week	Faculty of Agriculture School of Household Economics School of Nursing	Edmonton	June 2-9	8 days	8 days		200
57. 6th School Administration	Alberta School Trustees Div. Sec.-Treas. and Dept. of Educ.	"	June 6-8	3 days	3 days		96
58. Community Life Conference	Dept. of Ext. and Community Centres	"	July 5-9	5 days	5 days		88
59. "	"	Beaverlodge	July 12-16	5 days	5 days		90
60. "	"	Bear Lake	July 19-23	5 days	5 days		100
61. Rural Leadership Course	Dept. of Extension, U.G.G., F.U.A., and Wheat Pool	Gooseberry Lake	Oct. 25-Nov. 2	9 days	9 days		20
62. Forest Conservation	Dept. of Resources and Development	"	Oct. 30-Nov. 18	3 weeks	3 weeks		19
63. Wildlife Management	"	"	Nov. 20-Dec. 10	3 weeks	3 weeks		18
64. Fishery Management	Dept. of Zoology	Edmonton	Dec 14-16	3 days	3 days		10
65. Improving Nursing Care	School of Nursing and Faculty of Medicine	"	Jan. 15-26	4 weeks	4 weeks		197
66. Paint Power	Ed. Paint Club, Can. Paint, Varnish, Lacquer Association	"	Jan. 27-Feb. 24	5 wkly. lects.	5 wkly. lects.		70
67. Banff School of Fine Arts	Dept. of Extension	Banff	July 11-Aug. 19	6 weeks	6 weeks		488
68. Nursing Service Personnel	School of Nursing, Faculty of Medicine, Alberta Assoc. of Reg. Nurses	Edmonton	Mar. 19-23	5 days	5 days		78
69. Improving Nursing Care	School of Nursing	Lethbridge	Feb. 15-17	3 days	3 days		68
70. Drama Workshop	Young Adults Drama Club	"	Nov. 29-Dec. 1	3 days	3 days		15
71. "	"	Sedgewick	Apr. 18-19	2 days	2 days		15
72. "	Elnora Drama Club	Didsbury	Feb. 26-Mar. 2	5 days	5 days		15
73. Film Workshop	Dept. of Extension, N.F.B. and Hanna Film Council	Hanna	Oct. 29	1 day	1 day		60

Table III.—Short Courses, Classes and Conferences Arranged and Organized by the Department of Extension—Continued

Course, Class, Conference	Sponsored by	Held at	Dates	Duration	Attendance
74. " "	Dept. of Extension, N.F.B. and Olds Film Council	Olds	Nov. 3	1 day	25
75. " "	Dept. of Extension, N.F.B. and McNally Film Council	McNally	Nov. 17	1 day	200
76. " "	Dept. of Extension, N.F.B. and Crowston Film Council	Blairmore	Nov. 16	1 day	57
77. " "	Dept. of Extension, N.F.B. and Foremost Area Film Council	Foremost	Nov. 18	1 day	80
78. " "	Dept. of Extension, N.F.B. and Big Valley H. & S. Association	Big Valley	Nov. 28	1 day	160
79. Preliminary Art Course	Dept. of Extension	Banff	June 26-July 9	12 days	41
80. Conversational English	" "	Edmonton	Feb. 16-Apr. 18	10 wkly. lects.	6
81. Music Appreciation	" "	Lacombe	Mar. 13-May 15	10 "	31
82. Public Speaking	" "	Edmonton	Feb. 26-Mar. 30	10 "	12
83. Short Course for Purchasing Agents	Purchasing Agents Association of Edmonton	Edmonton	Mar. 12-Apr. 16	5 "	64
84. Leathercraft	Dept. of Extension	Banff	Nov. 15-Mar. 30	20 "	8
85. Weaving	" "	Banff	" "	20 "	9
86. Agricultural Short Course	Imperial Oil Ltd.	Edmonton	Feb. 5-7	3 days	23

*Canadian Association of Oilwell Drilling Contractors.

Leadership in rural organizations is passing into the hands of native-born Canadians. These young men and women have not the advantage of such a varied background of experience as their pioneer forebears who were the first leaders in their communities. To assist the younger leaders, the University organized a short course in Rural Leadership last fall at the Banff School of Fine Arts. Generous help was forthcoming in planning, financing and instruction from the Alberta Wheat Pool, the United Grain Growers, the Farmers Union of Alberta, and the U.F.A. Central Co-operative Association. Instruction was given and principles applied through practice, in the conduct of public meetings, public speaking, planning the activities of a local group, publicity, and the requirements and obligations of leadership. Those who attended the course already appear to be putting their training into practice; every participant has addressed one or more groups at home. A questionnaire circulated among the students brings out the fact that many have since accepted office in their local club; an unexpectedly large proportion have accepted the responsibility of contributing articles to their local newspapers. All feel they have gained confidence, endorse this type of course, and recommend its repetition for the benefit of others.

A growing interest and appreciation of the value of expert guidance in the field of personnel relations has been paralleled in recent years by the demand for instruction in its technique. The first in a series of courses for personnel workers was held during the year under the auspices of the Department of Psychology and the Edmonton Personnel Association. It was possible to register only 25 of those who applied for this series of ten lectures on personnel testing methods. Its success is evidenced by the request for a duplication of this course and more advanced instruction along the same lines.

A considerable amount of attention has been given this year to post-graduate work in the field of nursing. An intensive three-day short course, Improving Nursing Care, attended by 197 persons in Edmonton and Calgary and 68 in Lethbridge, presented an opportunity to learn some of the newer trends in medical care through a series of lecture-discussion periods. Another aspect of nursing work, In-Service Education for Nursing Personnel, was ably presented by Florence C. Kempf, R.N., M.A., of Michigan State College. This five-day Institute attracted 78 nurses from Edmonton and surrounding communities.

Some of the problems involved in bulk buying, legal, economic and geographic, formed the content of a short course for Purchasing Agents. The Department of Extension has been pleased to co-operate with local business and industrial organizations on many previous occasions, and this course is representative of the satisfactory results produced through this teamwork. Sixty-four members of local purchasing departments attended this five-lecture course. Also important is the work carried on by the Registered Institute of Industrial Accountants in co-operation with the Department. As in past years, the training program which leads towards the degree of R.I.A. was carried on in both Edmonton and

Calgary where Accounting, Cost Accounting, Industrial Organization and Management and Business Mathematics were offered to 76 and 91 students respectively.

Among the longer and more intensive short courses offered were Forest Conservation and Wildlife Management. These six-week courses are aptly designed to give both theoretical and practical training to wardens and rangers in a variety of topics ranging from surveying, timber cruising and animal diseases to office management, animal nutrition and elementary botany. Along much the same lines, a Fishery Management course lasting three days was offered to provincial government employees interested in this field.

The Community Life Conferences continue to be one of the Department's most important summer projects. This year, conferences were held at Beaverlodge, Bear Lake and Gooseberry Lake, and nearly 300 persons had an opportunity to attend talks and discussions on a variety of topics and to participate in active discussion of community matters.

THE STUDY GROUP PROGRAM

Citizens' Forum.

Under the joint sponsorship of the Canadian Association for Adult Education and the Canadian Broadcasting Corporation, Citizens' Forum continued as one of the study group activities carried on by this Department.

Some 2,500 bulletins were distributed in Alberta to 150 Forum listeners and other interested persons. Weekly reports on discussions for summarization and presentation on the air were sent in to the Department by fourteen formally registered groups.

Plays and Study Course Material.

During the year 415 plays were sent out, an increase of 30 over the 385 copies last year. Twenty-six sets of study material on Credit Unions, Co-operation, and Marriage and the Family as compared with 20 sets last year, were distributed. There was a sharp decrease in the number of copies of "Soil Mechanics" and "Concrete Proceedings" sold as indicated by 120 mailed last year and 44 this year.

RADIO EXTENSION WORK

Radio continues to be one of the important links of the University with the public, and a large variety of programs has been prepared by staff members of all Faculties during the year. The Music Hour in particular brings universally favorable comment and indications are that the noon Farm Broadcast commands a substantial audience. In all, 271 broadcasts were prepared and given by the staff.

THE UNIVERSITY NEWS LETTER

During the past year the Department of Extension has again been responsible for the distribution of the University News Letter. Over 200 individuals, organizations and weekly newspapers in the province receive copies. Eleven issues have been assembled and distributed.

Faculty changes and appointments together with other items of interest in University circles provide material for these News Letters. The weekly press makes use of this accurate information, and many interested individuals are able to keep abreast of University affairs.

DEBATING SERVICE

During the year 75 sets of debating material were sent out, in comparison with 80 sets in the previous year. The decrease is due to this service having been replaced by group discussions such as the Citizens' Forum, etc.

AGRICULTURAL EXTENSION AND PUBLICATIONS

The Faculty of Agriculture expanded all forms of extension service during 1950. Members gave 181 extension lectures to a total audience of 28,274; radio talks increased from 46 to 61 and extension interviews from 253 to 352.

By the use of mimeographed information sheets they were able to reduce time spent on extension correspondence from 411 days to 369 days.

Attendance at University Field Days also showed an increase. Some 700 Livestock men from all over the Province attended the Annual Feeders' Day. About 200 attended the first Poultry Field Day; and some 250 attended the Horticultural Visitors Day. Attendance at the Breton Field Day was around 300. Attendance at the Plant Science Field Day was 2,000.

The agricultural extension work of the Department of Extension is confined mainly to the provision of special lectures, participation in short courses, the distribution of bulletins, and the answering of hundreds of letters of general inquiry concerning agricultural problems and the direction, in 1950, of numerous requests for special information to authorities able to deal with them.

Agricultural Publications.

During the year 1,560 requests for agricultural publications were received and dealt with. In addition, 700 letters requesting specific information were referred to other departments of the University. The Agricultural Secretary replied to some 600 letters.

The following bulletins were printed during the year ending March 31st:

10,000 copies of Bulletin No. 44, "Cropping for Profit and Permanency."

4,000 copies of Bulletin No. 53, "Soil Survey of Rycroft-Watino Sheet" (authorized in 1949-50 but not printed until Oct., 1950).

5,000 copies of Bulletin No. 56, "Water Erosion in Alberta."

7,000 copies of Circular No. 22, "Selecting, Fitting and Showing of Beef Cattle."

The Soil Survey Report of the Red Deer Sheet, authorized in 1949-50, is now in the press, and will be shown in next year's report.

In the year under review, 28,759 bulletins, circulars and leaflets were sent out. In addition approximately 500 miscellaneous publications,

Provincial and Dominion, as well as a number of mimeographed circulars were distributed.

Since the publication of agricultural bulletins commenced, 603,900 have been printed and 524,558 distributed through the Department of Extension. All bulletins are free to residents of the Province. special mailing list.

Press Bulletin.

During the period covered by the report, 10,000 copies of the Press Bulletin "Seasonal Notes" by the Department of Plant Science, were sent to the mailing list. In addition, 4,000 copies of "The Feeders' Day Program" by the Department of Animal Science, were distributed.

THE EXTENSION LIBRARY

For a large number of people in Alberta the only access to good reading is through the University Extension Library. That this service is greatly appreciated is very clear from the many letters received from readers. As one man writes, "Your books come as cool waters to a thirsty soul."

A library's value depends primarily on its working material, books. An analysis of the Library's 1950-51 statistics reveals that the average cost of each book is about two dollars and those for which there is the greatest demand, of course, have the shortest life. The fact that the Library budget has been gradually increasing is directly responsible for the increasing number of people being reached.

The 1950-51 circulation figures show a substantial, all-round increase over the preceding record year. In 1950-51 there was a 24% increase in the Open Shelf circulation of children's books, a 40% increase in the number of Special Libraries sent out, and an 11% increase in the Regular Libraries. The adult Open Shelf increase of 7% was somewhat smaller than last year, but contributed to the over-all increase in book circulation of 10,423, or 13%.

During the year, besides the actual circulation of books (a time-consuming, mail-service process) other routine library duties were heavy. 1,474 adult books and 684 children's books were ordered, classified, catalogued and prepared for circulation; 97 periodicals were subscribed to, and others indexed which had not already been listed in periodical guides; an unrecorded but large number of books (2,500 is a conservative estimate) were repaired in the library; 548 books were sent out for rebinding, and 929 were discarded as being beyond repair or out of date.

Four hundred and seventy-two (472) copies of the Library Catalogue, "All For The Asking," were sold; four, seven and eight-page classified and annotated lists of new books were compiled and sent to a mailing list of about 1,500. Posters advertising the Library were distributed to 200 rural post offices. Six radio talks and book reviews were given by the staff on the Extension Library program, "Books at Random," to which twelve members of the University Library also con-

tributed book reviews. Displays were prepared for the Edmonton Exhibition and the provincial Home Economics Association annual convention.

The Fourth Annual Short Course for Librarians was held in May, 1950, under the joint sponsorship of the Department of Extension and the Alberta Library Board and directed by the Extension Librarian, Miss Flora Macleod.

Through its books, the Extension Library has been in contact with teachers and pupils in rural schools, with Women's Institutes, Home and School Associations and I.O.D.E. groups, with small public libraries, with summer camps, with groups taking University Extension courses (the largest of these being at the Banff School of Fine Arts) with many small study groups as well as with individuals to whom books have brought useful information, knowledge, understanding and pleasure.

As of April, 1951, the Extension Library will occupy handsome new quarters in the recently completed Rutherford Library on the campus.

A detailed statistical analysis of the Extension Library's service follows:

Open Shelf Circulation:

Books:	1950-51	1949-50	Difference
Adult	40,778	38,731	2,047
Juvenile	11,022	8,838	2,184
Banff	7,164	6,378	786
Periodicals and Pamphlets	3,700	3,926	—226
Plays	2,626	2,882	—256
	65,290	60,755	4,535

Travelling Library Circulation:

Special Libraries	8,051	6,688	1,363
Regular Libraries	15,850	11,325	4,525
	23,901	18,013	5,888

(The figures for Travelling Library circulation are sent in by the custodians of the libraries.)

Total Circulation	89,191	78,768	10,423
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Travelling Libraries Sent Out:

Special Libraries	200	179	21
Regular Libraries	238	170	68
	438	349	89

Book Stock:

Books at April 1, 1950	30,370
Accessions: By purchase, 2,039; gifts, 119; total	2,158
Withdrawals	929
Net increase	1,229
Books at April 1, 1951	31,599
Average cost per book, \$2.09.	

Membership.

The three year registration file for the Open Shelf includes 5,837 names, a good number of which represent families. Two hundred and seven different groups used the Travelling Libraries.

VISUAL INSTRUCTION

The past year has been marked by a substantial increase not only in the utilization of films and slides in Alberta schools, industry and churches, but also in the growing quantity and improved quality of visual media available. An estimated 150 sound film projectors and other equipment was ~~ac~~quired during the year by community organizations, much of which was obtained through the Visual Instruction Division which acts in an advisory capacity to these groups.

In the purchase of new films and slides, consideration must be given to the needs of the community, and the additions to the film library reflect current demand. National and international problems, education and child welfare, the problems of marriage, highway and industrial safety and industrial relations are only a few of the film subjects which are constantly requested. A notable advance in the use of films has taken place in the Church. A number of factors including new and better films and the growing realization of the importance of audio-visual aids has accounted for a much wider use of films and slides by all denominations. An increasing interest is also being shown by industry in visual education. As this Province matures industrially, an ever-increasing number of films will be used in safety instruction, personnel training and labor-management relations. In this connection, films have been placed in the library for circulation by the National Film Board, the Canadian Film Institute, the Alberta Safety Council, the Red Cross and other welfare bodies. Brief mention should be made of the demand for films from a new quarter, Civil Defence. It is sufficient to record that the Visual Instruction Division is particularly fortunate in having a stock of films available for this need which compares favorably with any in Canada.

Numerous Film Workshops and Film Festivals, led by staff members, were held in the Province during the year. In addition to those held in Southern Alberta, Film Festivals were inaugurated at Edmonton and Calgary. The aggregate attendance at these, including the Festival devoted entirely to films in the French language held at St. Paul, was 3,000. Exhibits and demonstrations were given at innumerable annual meetings and conferences including the Alberta Teachers' Association, the School Trustees Association, church groups, the Calgary and Edmonton Industrial Film Conference, the National Film Board Regional Meeting, Edmonton Exhibition, the Junior Red Cross Training Camp at Jasper and the University Summer School.

As is evident from the statistical report below, the circulation of films, slides and filmstrips has increased substantially. A factor in this increase is the Alberta Circulating Film Exchange, an organization made up of 14 film libraries in various parts of the Province, the activities of

which are co-ordinated by the University's Visual Instruction Division. Through these strategically located libraries, the Division's library is made to serve a much wider field than would otherwise be possible.

A detailed statistical analysis of the year's operations follows below:

Statistical Information, Division of Visual Instruction

Number of Moving Picture Films in library:

Silent, 8mm. and 16mm.	447 titles	489 reels
National Film Society	19 "	38 "
National Film Board	224 "	355 "
N.F.B. in Exchange	227 "	339 "
Films owned by Exchange	90 "	108 "
Sponsored Films	98 "	184 "
Sound films, general	1,326 "	1,819 "

Total silent and sound films	2,431 titles	3,332 reels
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Number of films added to the library (included in the above)

Number of filmstrips in library	206 "	277 "
Number of sets of 2x2 slides in library	1,156 "	"
Sets of old standard slides in library	165 "	"
Sets of old standard slides in library	426 "	"

Circulation Figures

	1950-51	1949-50	Comparison
Orders received for standard slides ..	70	.....	.....
Number of sets of standard slides sent out	91	148	— 57
Orders for 2x2 slides received	307	.....	.....
Number of 2x2 slides sets sent out	446	335	111
Number of times slides were used	518	445	73
Total audiences viewing slides	24,062	20,028	4,034
Sets of filmstrips sent out	1,344	1,135	209
Individual filmstrips sent out	2,848	2,640	208
Number of times filmstrips were shown	1,901	1,524	377
Total audiences viewing filmstrips	76,210	55,143	21,067
Number of slide lanterns loaned	65	60	5
Number of filmstrip and 2x2 pro- jectors loaned	77	70	7
Sets of silent films sent out	288	331	— 43
Number of reels of silent films sent out	953	1,009	— 56
Sets of sound films sent out	3,711	3,483	228
Number of reels of sound films sent out	15,943	15,359	584
Total sets of moving picture films sent out	3,999	3,814	185
Total number of reels of moving picture films sent out	16,896	16,368	528
Total number of showings of films, sound and silent	5,560	4,869	691
Total audiences viewing films, sound and silent	521,130	499,325	21,805
Number of times projection service supplied	407	.....	.....

Number of screenings for groups in screening room	71	.....	.....
Total number of screenings	478	510	— 32
Branch library film showings	2,416	1,937	479
Number of reels sent out from branch libraries	8,644	5,988	2,656
Aggregate attendance at film showings from branch libraries	182,328	184,780	— 2,452

EXTENSION WORK IN THE OIL INDUSTRY

During the year under review, services of the Department of Extension to Canada's oil industry were considerably expanded. This Department, acting in conjunction with the Department of Petroleum Engineering, has offered a number of short courses covering various technical aspects of the problems associated with the oil well drilling industry and oil and gas production. These courses have been designed with a view to acquainting field operating personnel with a general all-round knowledge of the theories and practices involved in modern drilling and production technique. The response from the industry in general plainly indicated the necessity for continuation and expansion of this work. As indicated in Table III, 328 persons participated in courses held on the campus.

The most significant development in the Department's work in the oil industry during the past year was the initiation of a Supervisory Training Program for oilwell drilling contractors. In this field the Department has worked in close association with the Canadian Association of Oilwell Drilling Contractors, and has provided a training specialist, Mr. A. S. Mitchell, to work full time with the various companies comprising the Association in the field of supervisory and personnel development. The general emphasis in this program has been placed on the role of the supervisor as a co-ordinator, teacher and industrial morale builder. Significantly, companies availing themselves of this program have experienced a considerable increase in efficiency and a decrease in accidents at the field level. Experience during the past year has amply demonstrated the presence of a vast field for further work not only in the oil industry, but in any industry which is interested in the full development of individual skill, aptitude and co-operation. During the year some 450 crew members of 29 drilling rigs, plus supervisors, were enrolled in the program, and 177 conferences were held with crews and supervisors in production and exploration areas from Peace River to Foremost, Alberta.

The Department of Extension wishes to express its appreciation of the work done in initiating and continuing this branch of its activities to the Division of Extension of the University of Texas, whose co-ordinator, Mr. John Woodruff, has given most generously of his time and whose experience in industrial training has been invaluable. The Department also wishes to record its thanks to the Department of Chemical and Petroleum Engineering for its whole-hearted co-operation.

FINE ARTS

Even a very casual examination of earlier sections of this report would indicate that the University is actively associated with the cultural life of the Province. Despite the fact that the industrial and economic expansion of the Province demands specialized training programs of the University, it is a healthy sign that an increasing volume of work is being done in the field of the arts.

Art.

Twenty-eight classes in art were offered this year in 13 centres to classes totalling 520. Several new course additions have been made in the Edmonton Extension classes including Color Theory, Silk Screen Theory and Practice, and the course in Art History and Appreciation.

Again it is a pleasure to thank those members of the staff whose zeal and enthusiasm has kindled a response in so many students: H. G. Glyde, J. B. Taylor, W. Rowan, Stewart Clare, M. W. MacDonald, Janet Middleton, Gwytha Evans and George Weber.

Music.

As in the past year, Prof. R. S. Eaton's Mixed Chorus was the outstanding musical achievement both in quality of performance and goodwill created. Communities all over the Province anticipate the annual tour of the Chorus with much pleasure. In addition, instruction in the technique of choral singing was offered to a class of 42 in Edmonton, and two courses in Music Appreciation in Lacombe and Edmonton were also enthusiastically received. A great deal of credit is due to Prof. Eaton and Mr. Crighton of the Music Division for the fine way in which they are developing this important extension activity.

Drama.

The past year has been a successful one in extension drama work. Evidence of this is found in the steady growth in the number of school and community drama festivals and the increasing awareness of Alberta communities of the expert services available to them from their University. Four new community festivals have been organized as well as a district and a Provincial festival. Three others will take place in the fall. Groups in a hundred towns have asked for and received advice and help, and fifty-one visits have been paid to forty-four towns.

Drama workshops were held in Sedgewick, Didsbury, Elnora, and Banff with an attendance totalling seventy. There is a growing need for these workshops which represent the only opportunities many rural groups have for expert group instruction in stagecraft. In addition, the Extension Drama Specialist adjudicated at nine festivals during the year.

Highlight of the year was the 1951 tour of the Provincial Players. This highly talented group of University students played thirty-six performances in thirty-one centres across the province to audiences aggregating 5,000. Sponsored by the Cultural Activities Branch of the Depart-

ment of Economic Affairs and the Alberta Drama Board, the tour was arranged and organized by the Department of Extension. Besides its value in public relations, this project was successful in bringing first-rate new Canadian plays, carefully produced, to Alberta audiences which would not ordinarily have had this privilege.

The 18th Annual Session of the Banff School of Fine Arts.

The 18th annual session of the Banff School of Fine Arts was held in Banff from June 25th to August 19th. Included in this time was the Second Preliminary Short Course in Painting, held from June 25th to July 9th, with a registration of 41 students. Started as an experiment last year and designed primarily to meet the needs of painters whose time would not permit taking the full course, this course has proved so popular that it will now become an annual feature of the School.

The main session of the School easily lived up to the high standard of previous years and in some respects surpassed it. The students in the drama section were the most mature in many years, and as a result the program of New Canadian Plays and the final production of "A Midsummer Night's Dream," were among the best performances ever done at the School.

A special note should be made of the fine contribution being made to the School by Miss Gweneth Lloyd, Director of the Winnipeg Ballet. Miss Lloyd's influence has been good throughout the whole School, but particularly effective in the Drama Division.

Dr. Ernesto Vinci's class in Singing showed an 18% increase in enrolment over the previous year, and the quality of the students was uniformly good. The Master Class in Piano under the direction of Max Pirani was good, but not as sparkling as in some previous years.

Edward Bawden from England and Frederic Taubes from New York made fine contributions to the Painting Division, and their work and example had a good influence on the School.

Mrs. Gwen Pharis Ringwood, a former student of the School, returned this year as an instructor in Playwriting and Short Story, and she acquitted herself very well indeed.

Two newcomers to the staff in the Applied Art Division, Martin and Elaine Joyce of Vancouver, acquitted themselves so satisfactorily that arrangements have been made to retain them in Alberta, by having Mr. Joyce act as General Foreman of the Banff School. His position entails looking after the plant and property, and the responsibility for repairing and maintaining furnishings in the winter months. Mrs. Joyce will be available to instruct in extension classes in Leathercraft, Elementary Weaving and Ceramics.

From a financial point of view, 1950 brought in the largest revenue in the history of the School when receipts were approximately \$97,000. Against this revenue, there were expenditures of something over \$100,000, of which \$12,000 was capital expenditure on equipment, grounds and buildings.

While it was inevitable that the erection of permanent year-round buildings at Banff would provide an admirable continuation centre for the University, that development is coming about more rapidly than was expected. For example, between February 1st and December 10th, 1950, the Banff School facilities were used for educational meetings by nineteen different groups and organizations. Three of these were international groups which brought together both Canadians and Americans, and one—the North American Ski Championships—was a veritable League of Nations. Altogether, 1,800 people have participated in the short courses, and conventions at the Banff School this year. This is a very satisfactory development in the first year that more than one Chalet has been available. At the present time, some educational conventions have been booked as far ahead as June, 1953.

The Banff facilities provide a unique opportunity for the University to develop the Banff School, not only as a major centre for the Fine Arts in Canada, but also to develop it as the most attractive adult education centre possessed by any Canadian University.

STAFF

The educational work described in this report represents a great co-operative effort between the members of the University staff, the staffs of the Dominion and Provincial governments, and a large number of business firms and individuals. Much of the work has been done by busy men and women who have added extension assignments to their already crowded programs. This fine public service has been given in all cases willingly and cheerfully. To each and every one of these people the University extends it grateful thanks and appreciation.

A special word of appreciation is due to all members of the staff of the Department of Extension. During the year they have worked as a team. Morale has been high and the achievement speaks for itself.

A final word of appreciation is due those many business firms who not only provided the assistance of their staffs, but who also have contributed substantial financial assistance without which a number of projects would not have been possible.

STATISTICAL SURVEY

Lectures:

University Teaching staff	1,131		
Department of Extension staff	288		
		1,359	
Aggregate attendance			101,853
Number of radio talks:			
Extension staff	48		
Teaching staff	223		
		271	
Conferences and short courses, Table 3			4,139

Visual Instruction:

Number of sets of standard slides sent out	91		
Number of 2x2 slides sets sent out	446		
Number of times slides were used	518		
Total audiences viewing slides			24,062

Sets of filmstrips sent out	1,344	
Individual filmstrips sent out	2,848	
Number of times filmstrips were shown	1,901	
Total audiences viewing filmstrips		76,210
Number of slide lanterns loaned	65	
Number of filmstrip and 2x2 projectors loaned	77	
Sets of silent films sent out	288	
Sets of sound films sent out	3,711	
Number of reels of sound films sent out	15,943	
Total sets of moving picture films sent out	3,999	
Total number of reels of moving picture films sent out	16,896	
Total number of showings of films, sound and silent	5,560	
Total audiences viewing films, sound and silent		521,130
Number of times projection service supplied	407	
Branch Library film showings	2,416	
Number of reels sent out from branch libraries	8,644	
Aggregate attendance at film showings from branch libraries		182,328
Library and Debating Service:		
Number of travelling libraries in use	90	
Number of times sent out:		
Regular libraries	200	
Special libraries	238	
Recorded circulation		23,901
Open Shelf Circulation:		
Books:		
Adult	40,778	
Juvenile	11,022	
Banff School	7,164	
Plays	2,626	
Periodicals and pamphlets	3,700	
		65,290
Number of package libraries for debaters sent out		75
Study Group Material:		
Number of sets of Citizens' Forum Bulletins sent out (weekly)	150	
Total number of study bulletins sent out		2,500
Number of sets of other study group material sent out		26
New Canadian Plays and Soil Mechanics:		
Number of copies of New Canadian plays sold	415	
Number of copies of Proceedings of Soil Mechanics and Concrete sold		44
Publications:		
Press Bulletin, Seasonal Notes	10,000	
Press Bulletin, Feeders Day Program	4,000	
		14,000
Agricultural bulletins sent out during year	28,759	
Mimeos, circulars and other bulletins sent out	500	
		29,259
Total number of bulletins distributed since inception of service	524,558	
University News Letter:		
Number of issues	11	
Circulation, 11x200		2,200
The New Trail—number sent out		15,900

Extension Work in Oil Industry:

Number of drilling rigs	29
Number of conferences held	177
Number of crew members, supervisors, etc., attending conferences	450

RECAPITULATION

Total aggregate attendance at lectures, conferences, schools, and short courses; lantern slide lectures, filmstrip programs, moving pictures, Circulating film exchange, oil conferences	910,172
Total circulation of travelling library books, Open Shelf, package libraries for debaters, Citizens' Forum Bulletins, sets study group material, New Canadian Plays, Proceedings Soil Mechanics and Concrete	92,251
Total circulation of Press Bulletins, Agricultural publications, News Letter, New Trail	61,359

CONCLUSION

This thirty-eighth Annual Report on University Extension Activities brings to an end a year of record achievement. In one way or another the University has been of some service to an aggregate of over 1,000,000 people. That service has reached into communities from Milk River in the south to Aklavik in the north, and hundreds of points in between.

More significant, however, than the extensive geographic distribution of the service is the marked increase in the number of people who have participated in short courses of substantial educational content and duration. This is a trend that is likely to continue.

Of especial significance is the increasing tendency of business and industry to come to the University for assistance and co-operation in working out their special problems. This is a healthy and mutually beneficial development.

The University's role in the academic and professional fields has long been accepted as basic to the general welfare of the whole community. In this Province it is also a matter of pride that the university has recognized and attempted to meet a responsibility extending far beyond the academic and professional fields. Through its extension services, it is intimately associated with the economic, the social and the cultural development of hundreds of communities which otherwise would have little connection with or interest in the University. As a result of this intercommunication the University and the community are both enriched and strengthened.

Respectfully submitted,

DONALD CAMERON,
Director.

ANNUAL REPORT

on

Extension Activities of the University
of Alberta



for the Year ending March 31st
1952

Published by
Department of Extension, University of Alberta
Edmonton, July, 1952

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DONALD CAMERON, B.Sc., M.Sc., Director, Department of Extension.

Annual Report on Extension Activities

of the

UNIVERSITY OF ALBERTA

For the Year ending March 31st, 1952

Edmonton, April 25th, 1952.

Dr. Andrew Stewart,
President, University of Alberta.

Mr. President:

I have the honor to submit the thirty-ninth Annual Report on Extension Activities for the year ending March 31st, 1952. The Report includes a review of the wide variety of activities carried on by members of the various faculties and departments in addition to regular academic and research duties.

It is gratifying to record that a continuing large amount of time is being given by members of the staff to extension activities. During the year under review, it is estimated that nearly 3,000 man-days were devoted to the preparation and delivery of lectures, demonstrations, radio talks, extension correspondence and interviews by teaching staff members alone. A total of 1,208 lectures to audiences of 89,355 was given during the period as well as 264 radio talks. Credit for the increasingly important role which the University is playing in the community is due in no small measure to the effective co-operation of all members of the staff.

Continuing the trend noted in the Reports of previous years, the number of short courses, classes and conferences held during the year has increased sharply to nearly one hundred from twenty-two five years ago. Total attendance at courses organized during the year at twenty-two centres from Lethbridge to Dawson Creek was 5,454 and, in general, they were rather longer and more intensive than in previous years.

The winter program of Evening Classes was again a substantial success in Calgary and Edmonton, both from the point of view of the calibre of work accomplished and the attendance. Twenty-five classes in the general fields of business, languages, homemaking and the arts were offered in both cities to classes totaling nearly 1,400. It is a pleasure to record again many appreciative comments from those enrolled.

As is evident from the year's program of classes, an increasing amount of time is being given to courses in the business and industrial field. The most significant new development was the course in Business Administration held during the spring in Banff.

Table I.—University Extension Activities during the year 1951-52

Faculty or Department	Ext. Lects. Man-Days		Radio Talks Man-Days		Ext. Corr. Man-Days		Extension Interviews Man-Days		No. of Radio Talks Given		No. of Lectures Given		Total Attendance at Lectures	
	51-52	50-51	51-52	50-51	51-52	50-51	51-52	50-51	51-52	50-51	51-52	50-51	51-52	50-51
Arts and Science, including School of Household Economics	278	306	40	42	124	63	117	104	53	60	431	541	18,892	15,913
Faculty of Engineering	68	58	3	1	75	61	73	88	1	2	60	70	1,593	3,060
Faculty of Medicine including Schools of Pharmacy and Nursing	59	102	12	4	46	34	76	77	26	4	63	98	3,470	9,855
Faculty of Agriculture	159	227	38	53	369	369	238	352	50	61	147	181	26,657	28,274
Faculty of Education	182	160	39	51	118	37	116	40	58	77	192	173	20,495	19,705
Faculty of Dentistry	9	32	.....	.....	2	3	2	1	.....	.....	13	5	380	254
Faculty of Law	7	2	.....	.....	.....	.....	1	.....	.....	.....	12	3	1,175	265
University Library Staff .....	.....	.....	27	38	.....	.....	.....	.....	17	17	.....	.....	.....	.....
Department of Extension including Extension Library	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	57	48	269	228	15,352	17,099
Research Council of Alberta	21	5	3	.....	234	218	118	66	2	1	13	4	791	990
Department of Physical Education	13	29	.....	1	28	16	8	12	.....	1	8	56	550	6,438
Totals	796	921	162	190	996	801	749	740	264	271	1208	1359	89,355	101,853

Designed to train executives for positions of greater responsibility, the emphasis in this intensive six-week class was on Administrative Practice, Business Policy and the Canadian Economy. At other points in the Province 17 classes in Commercial Law, Business Finance, Financial Statement Analysis, Business Mathematics, Accounting, Cost Accounting, Personnel Management and Purchasing were held over periods of ten and twenty weeks. A series of courses particularly connected with the oil industry included four Mud Schools, Schools in Oil Treating, Gas Metering, Fire Prevention and Explosives, Motor Fleet Supervision and Driver Education.

Mention should also be made of specialized training in professional fields made available through courses in Hospital Administration, Improving Nursing Care, Small Library Operation, Forest Conservation and Wildlife Management.

In the field of the arts the Community Art Classes, now in their fifteenth year and without a counterpart in Canada, enrolled 386 persons in 24 classes at 14 centres. New classes were organized at Bassano and Westlock. In music, 4 classes in Music Appreciation and Choral Leadership were offered in Edmonton and three rural points and in drama, 3 courses were staged at as many outside points. A class in Creative Writing attracted considerable interest in Edmonton.

Book circulation through the Extension Library has shown a substantial upward trend over the last ten years. Circulation for the year under review is much the same in the Open Shelf, Travelling Library and Special Library sections as in the preceding year despite the rise in the library postal rate and the transfer of the Library to the new campus building.

Circulation figures for the Division of Visual Instruction are much the same as last year with respect to films. A decrease in the number of slides used is offset by an increase in filmstrip circulation. As in past years the Division has been active in working with various Provincial organizations in sponsoring film festivals, workshops and in promoting effective visual instruction.

During the year, the Extension Specialists in Drama and Music have assisted Alberta communities through class instruction and personal visits. Evidence of the effectiveness of their work is found in the increasing number and the quality of the work done at rural festivals. In Edmonton, the Studio Theatre under the direction of the Drama Division played 46 performances to appreciative audiences totalling 5,494.

Attendance at the Banff School of Fine Arts regular summer session was 452 while the number of short courses, classes and conventions including both national and international groups increased to 30 with registrations of over 2,300. The School is rapidly coming to be recognized as one of the major training centres for the fine arts in Canada and as a convenient and attractive national adult education centre.

Table II.—Short Courses, Classes and Conferences Arranged and Organized by the Department of Extension

Course, Class, Conference	Sponsor	Place	Period	Duration	Attendance
1. Commercial Law	Department of Extension	Edmonton	Oct. 29-Jan. 14	14 lectures	52
2. Building a Home	"	"	Oct. 29-Jan. 14	10 "	32
3. Home Management	"	"	Oct. 30-Jan. 15	10 "	12
4. Conversational French (1951)	"	"	Oct. 30-Jan. 15	10 "	31
5. General Psychology	"	"	Oct. 31-Jan. 16	10 "	65
6. Appreciation of Literature	"	"	Oct. 31-Jan. 16	10 "	64
7. Comparative Religion	"	"	Oct. 31-Jan. 17	10 "	47
8. Business Finance	"	"	Nov. 1-Jan. 17	10 "	70
9. Feeding the Family	"	"	Nov. 1-Jan. 18	10 "	23
10. German	"	"	Nov. 2-Jan. 18	10 "	17
11. Principles of Gardening	"	"	Jan. 21-Mar. 24	10 "	43
12. Interior Decoration	"	"	Jan. 21-Mar. 24	10 "	207
13. Financial Statement Analysis	"	"	Jan. 22-Mar. 25	10 "	92
14. World Affairs	"	"	Jan. 22-Mar. 25	10 "	67
15. Philosophy	"	"	Jan. 23-Mar. 26	10 "	60
16. Music Appreciation	"	"	Jan. 23-Mar. 26	10 "	98
17. How Canada is Governed	"	"	Jan. 24-Mar. 27	10 "	13
18. Beginners' Ukrainian	"	"	Jan. 24-Mar. 27	10 "	113
19. Conversational French (1952)	"	"	Jan. 25-Mar. 28	10 "	16
20. Commercial Law	"	"	Jan. 22-Mar. 25	10 "	47
21. Building a Home	"	Calgary	Jan. 28-Mar. 31	10 "	36
22. Financial Statement Analysis	"	"	Jan. 28-Mar. 31	10 "	89
23. Landscaping the Small Lot	"	"	Jan. 29-Apr. 1	10 "	27
24. Canada and World Affairs	"	"	Jan. 29-Apr. 1	10 "	21
25. Business Finance	"	"	Jan. 30-Apr. 2	10 "	46
26. Business Mathematics	"	"	Jan. 30-Apr. 2	10 "	23
Society of Industrial and Cost Accountants of Alberta					
27. Accounting I	"	Edmonton	Oct. 9-Mar. 29	20 "	29
28. Accounting II	"	"	Oct. 9-Mar. 29	20 "	24
29. Advanced Cost Accounting	"	"	Oct. 9-Mar. 29	20 "	16
30. Business Mathematics	"	Calgary	Oct. 9-Mar. 29	20 "	36
31. Accounting I	"	"	Oct. 9-Mar. 29	20 "	43
32. Accounting II	"	"	Oct. 9-Mar. 29	20 "	34
33. Advanced Cost Accounting	"	"	Oct. 9-Mar. 29	20 "	14
34. Life Drawing and Painting	"	Edmonton	Oct. 15-Apr. 11	23 "	13
35. Portrait and Life Drawing	"	"	Oct. 15-Apr. 11	23 "	29
36. Composition—Water Color & Oil	"	"	Oct. 15-Apr. 11	23 "	24
37. Anatomy	"	"	Oct. 15-Apr. 11	23 "	7
38. Pictorial Composition and Technique	"	"	Oct. 15-Apr. 11	23 "	7
39. Portrait and Life Drawing	"	"	Oct. 15-Apr. 11	23 "	26
40. Composition—Water Color & Oil	"	"	Oct. 15-Apr. 11	23 "	28

41. Still Life—Water Color
42. Color and Design
43. Silk Screen Theory and Practice
44. University Women's Club
45. Community Art Class

46. " "
47. " "
48. " "
49. " "
50. " "
51. " "
52. " "
53. " "
54. " "
55. " "
56. " "
57. Personnel Management

58. Creative Writing
59. Intensive Short Course in Art
60. Choral Leadership
61. Choral Leadership
62. Music Appreciation
63. Community Life Conference

64. " "
65. " "
66. Short Course for Small Libraries
67. Oil Treating School

68. Mud School
69. Gas Metering School
70. 13th Municipal Administration Course

71. 7th School Administration Course
72. 33rd Farm Young People's Week

73. Leadership Techniques

Department of Fine Arts

" "
" "

Bassano Art Club
Brooks Sketch Club
Camrose Art Club
High River Art Club
Lacombe Art Club
Ponoka Art Club
Mannville Art Club
Westlock Art Club
Red Deer Art Club
Viking Art Club
Medicine Hat Art Club
Wetaskiwin Art Club

Dept. of Psychology and
Personnel Association
Canadian Authors' Association
Department of Extension
Dept. of Fine Arts, Music Division

" "
Department of Extension and Com-
munity Centres

Alberta Library Association
Dept. of Pet. & Chem. Eng.,
W.C.P.A.* & Dept. of Extension
Dept. of Pet. & Chem. Eng.,
C.A.O.D.C.† & Dept. of Extension
Dept. of Pet. & Chem. Eng. W.C.P.A.
and Dept. of Extension
Alberta Assoc. of Mun. Dist. Sec-
Treas., Dept. of Municipal Affairs,
and Dept. of Extension
Dept. of Education, Alberta School
Trustees' Assoc., Alberta Divisional
Sec.-Treas. Assoc., and Dept. of
Extension.

Faculty of Agriculture, School of
Household Economics, School of
Nursing, and Dept. of Extension
Dept. of Extension, F.U.A., U.G.G.
and Alberta Wheat Pool

Edmonton
"
"
"
Bassano
Brooks
Camrose
High River
Lacombe
Ponoka
Mannville
Westlock
Red Deer
Viking
Medicine Hat
Wetaskiwin

Edmonton
"
Dawson Creek
Tofield
Wetaskiwin
Red Deer

Gooseberry Lake
Fairview
Beaverlodge
Edmonton

" "
"

Edmonton

Banff

"

Edmonton

Banff

Oct. 15-Apr. 11
Oct. 15-Apr. 11
Oct. 15-Apr. 11
Oct. 15-Apr. 11
Oct. 19-Apr. 12
Oct. 19-Apr. 12
Nov. 2-Apr. 18
Nov. 1-Apr. 3
Nov. 8-Apr. 3
Jan. 18-Apr. 18
Nov. 30-Apr. 4
Jan. 4-Apr. 18
Oct. 19-Apr. 19
Oct. 17-Mar. 25
Oct. 19-Apr. 12
Oct. 19-Mar. 28

Jan. 16-Mar. 18
Jan. 18-Mar. 21
Apr. 30-May 9
Feb. 18-Mar. 24
Feb. 19-Mar. 25
Jan. 23-Mar. 26

July 18-July 22
July 8-July 11
July 4-July 8
May 29-June 1
May 7-May 18
May 14-May 25
May 21-June 1
May 20-May 24
June 5-June 7
June 5-June 13
Nov. 14-Nov 22

5 days
4 days
5 "
4 "
10 "
10 "
10 "
4 "
10 "
10 "
8 "
26

24

44

26

56

76

168

26

Table II—Continued

Course, Class, Conference	Sponsor	Place	Period	Duration	Attendance
74. Fall Mud School	Dept. of Pet. & Chem. Eng., C.A.O.D.C., and Dept. of Extension	Edmonton	Sept. 4-Sept. 14	10 "	35
75. 3rd Forest Conservation Course	Dept. of Resources and Development, Ottawa, and Dept. of Extension	Banff	Oct. 15-Nov. 3	20 "	17
76. 3rd Wildlife Management Course	Dept. of Resources and Development, Ottawa, and Dept. of Extension	"	Nov. 5-Nov. 21	16 "	17
77. Sanitary Inspection Course	Rural Health Unit, Dept. of Extension	Edmonton	Apr. 23-Apr. 27	4 "	26
78. Driver Education Course	A.M.A., Dept. of Extension	"	Aug. 20-Aug. 24	5 "	46
79. Fire Prevention and Handling Explosives	Workmen's Compensation Board	"	Aug. 21-Aug. 23	3 "	300
80. Mud School	Dept. of Pet. & Chem. Eng., C.A.O.D.C., and Dept. of Extension	Calgary	June 11-June 22	10 "	41
81. Purchasing Agents (Calgary)	Edmonton Purchasing Agents' Assoc. and Dept. of Extension	Edmonton	Nov. 14-Apr. 9	10 lectures	65
82. Purchasing Agents (Edmonton)	Edmonton Purchasing Agents' Assoc. and Dept. of Extension	Calgary	Nov. 13-Apr. 7	10 "	43
83. Hospital Administration	School of Nursing, Faculty of Medicine, Dept. of Extension	Edmonton	Feb. 4-Feb. 29	20 days	18
84. Improving Nursing Care	School of Nursing, Faculty of Medicine, Dept. of Extension	"	Feb. 18-Feb. 28	4 lectures	96
85. Improving Nursing Care	Alberta Assoc. of Registered Nurses, School of Nursing, Faculty of Medicine and Dept. of Extension	Lethbridge	Feb. 20-Feb. 22	3 "	50
86. Motor Fleet Supervisors	A.M.A., C.A.O.D.C., Dept. of Extension	Edmonton	Mar. 20-Mar. 24	5 days	50
87. Central Alberta Mud School	Dept. of Pet. & Chem. Eng., C.A.O.D.C., Dept. of Extension	Stettler	Feb. 18-Feb. 29	10 "	35
88. June Short Course in Art	Department of Extension	Banff	June 25-July 7	13 "	30
89. Banff School of Fine Arts	"	"	July 10-Aug. 18	5½ weeks	452
90. Autumn Short Course in Art	"	"	Sept. 3-Sept. 22	3 "	12
91. Leathercraft	"	"	Nov. 2-Mar. 15	25 lectures	10
92. Business Administration	"	"	Mar. 3-Apr. 10	6 weeks	24
93. Drama Workshop	"	"	Apr. 30-May 2	3 days	40
94. Drama Short Course	"	"	Nov. 6-Jan. 15	4 lectures	15
95. Drama Workshop (School)	"	"	Feb. 11-Feb. 14	4 days	40
96. Home and School Workshop	Alberta Federation of Home & School Associations	High Prairie	Sept. 10-Sept. 12	3 "	30
97. Toolpushers Institute	Department of Extension	Banff Calgary	Aug. 6-Aug. 7	2 "	30
Total.....					5,454

†Canadian Association of Oilwell Drilling Contractors.

*Western Canada Petroleum Association.

SHORT COURSES, CLASSES AND CONFERENCES

During the year, a large variety of courses and classes was offered at many widely separated points across the Province. The concentration of effort over a short period stimulates attendance and allows for the mobilization of resources from University and Community alike. Members of all faculties and an increasing number of leaders and experts drawn from the Province and other parts of Canada have contributed handsomely to the success of these programs.

The Evening Class program which proved exceptionally popular last year was again a considerable success. Twenty-five courses, six of which were held in Calgary, were offered this year with 41 lecturers and over 1,400 students participating. Included in the program were courses in Commercial Law, Financial Statement Analysis, Business Finance, Home Management, Music Appreciation, English Literature, Philosophy, Comparative Religion, Canadian Government, Gardening, Psychology and in the field of languages, French, German and Ukrainian. The size of the enrolment in these classes coupled with the many appreciative comments received indicates that the program is meeting a definite need.

The type of course offered over the year has by no means been static. A glance at Table II will reveal that a variety of new subjects was included in the year's program. The recent tremendous increase in commercial and other traffic on Alberta highways has multiplied the problems of supervisors of motor fleets, particularly in the oil industry. The purpose of the Short Course for Motor Fleet Supervisors was to increase the special knowledge and efficiency of those in charge of haulage fleets with special attention to road safety. Along somewhat the same lines was a course in Driver Education with the emphasis on careful driving. The new course in Creative Writing was designed to assist those interested in the techniques of writing saleable articles, short stories and novels through lecture sessions and practice assignments. Some of the work produced during the course was sold to publishers and three scholarships to the Banff School of Fine Arts were awarded. Of an equally specialized nature was a new School arranged in co-operation with the Department of Chemical and Petroleum Engineering in Gas Metering. Lectures and laboratories in this course offered instruction in the measurement of gas pressure and volume, metering devices and chart interpretation to workers in the gas fields of the Province.

A new venture in business education in Western Canada was the Short Course in Business Administration held at the Banff School of Fine Arts. Intensive courses of this type have been offered successfully in the larger Canadian and American universities for some years and the program for this six-week session was based on the Advanced Management Program offered at Harvard. Instructors were drawn from the University of Toronto, Prof. V. W. Bladen and Prof. S. G. Hennessey and from the University of Washington's College of Business Administration, Dr. Austin Grimshaw, Dean of the College and Dr. T. J. Barnowe. Supplementing the lecture-laboratory periods in Administrative Practices

and Human Relations, Labor Relations, Business Policy and the Canadian Economic Scene were specialized discussions on Canadian business practice conducted by University of Alberta staff members and prominent Alberta executives. In terms of its objective of training executives for roles of greater responsibility in the shortest possible time, the Course has been an outstanding success. Plans are being laid for further development in this field.

During the year, the University in co-operation with the Registered Institute of Industrial Accountants has carried on its regular training program in Edmonton and Calgary. Enrolment in this program which leads to the degree R.I.A. was 219. Classes in purchasing methods and practice were also organized by the Department of Extension in these two cities under the auspices of the Purchasing Agents Association with a total attendance of 108. The School of Nursing with the Department of Extension has continued its advanced work in the field of nursing with a four-week course in Hospital Administration and two classes in Nursing Care in Edmonton and Lethbridge.

The past year marked the thirty-third Farm Young People's Week. This, together with the various Community Life Conferences and the annual course in Leadership Techniques provides an excellent link with rural Alberta and an opportunity to work closely with both the communities and their leaders.

THE STUDY GROUP PROGRAM

Citizens' Forum

Citizens' Forum, a joint project of the Canadian Association for Adult Education and the Canadian Broadcasting Corporation, continued as one of the study group activities carried on by this Department.

In the course of the year, 1,650 pamphlets were distributed to eight listening groups and 100 other interested persons. Reports on broadcast discussions were presented weekly during the winter period.

Plays, Debates and Study Course Material

During the year, 380 plays, 25 sets of study material on Credit Unions, Co-operation, Marriage and the Family, etc., were sent out. Fifty-one sets of debating material were loaned and the balance of the Soil Mechanics and Concrete proceedings, now out of print, was sold.

RADIO EXTENSION WORK

As in past years, a wide variety of programs has been prepared by members of all faculties for presentation over the air. In total 264 broadcasts were contributed. Reports on the activities of this Department and practical information on community problems were presented in the series of 23 broadcasts entitled "Why Stop Learning?". The Music Hour and the noon Farm Broadcast continue to command a sizeable audience.

AGRICULTURAL EXTENSION AND PUBLICATIONS

The agricultural extension work of the Department of Extension is confined mainly to the answering of hundreds of letters of general

inquiry concerning agricultural problems, the provision of special lectures, participation in short courses and the distribution of bulletins.

The Faculty of Agriculture was host during the year to 800 persons at the Feeders' Day, 350 at the Breton Field Day and 300 at the Plant Science Field Day.

Agricultural Publications

During the year 1,630 requests for agricultural publications were received and dealt with and 600 inquiries for specific information were referred to other departments of the University. The Agricultural Secretary replied to numerous letters on general agricultural problems.

The following bulletins were printed during the year:

5,000 copies of Reprint of Bulletin No. 50, "Home Vegetable Growing".

7,000 copies Circular No. 4, "Legume Inoculation" (Revised).

2,000 copies Leaflet No. 23, "Chemical Control of Couch Grass with TCA".

4,000 copies of Bulletin No. 51, "Soil Survey Report of the Red Deer Sheet," authorized for the previous year, came off the press during the present year.

In the year under review 17,497 bulletins, circulars and leaflets were distributed.

In addition, approximately 400 agricultural publications, Provincial and Dominion, as well as a number of mimeographed circulars were distributed.

Since the publication of agricultural bulletins commenced, 621,900 have been printed and 542,055 distributed through the Department of Extension. All bulletins are free to residents of the Province and to a special mailing list.

Press Bulletin

During the year covered by the report, 10,000 copies of Press Bulletin "Seasonal Notes" by the Department of Plant Science were sent out as well as 4,000 copies of "The Feeders' Day Program" by the Department of Animal Science.

The University News Letter

During the year, the Department of Extension has sent out 18 issues of the "News Letter" to over 200 individuals, organizations and weekly newspapers in the Province.

The New Trail

Sixteen thousand five hundred copies of the "New Trail", the publication of the University's Alumni Association, were mailed during the year.

MAT

A new publication MAT covering University and Provincial events in music, art and the theatre, was published quarterly during the year and distributed to 800 persons.

EXTENSION LIBRARY

April 1952 completes the first year of the Extension Library's operations in the new Rutherford Library. The spacious pleasant quarters will make for increased efficiency in the library services.

Circulation over the past ten years has increased substantially. For the year under review the figures are much the same as the previous year due probably to the raising of the library postal rate and the transfer to new quarters. A comparison of this year's figures with those of 1940-41 indicates the Library's growth in the last ten years. In 1940-41, 254 Travelling Libraries were sent out; in 1951-52, 440 were sent, including a much larger proportion of special libraries—those made up to suit the special needs of the readers. The Open Shelf involves a considerable amount of reference work. Information on many topics from the care of a motorcycle to the problems of the United Nations was sent out. During the year 2,201 books were purchased, 2,242 accessioned, catalogued and prepared for circulation; 887 books were discarded and 460 were sent to the bindery; over 5,000 received minor repairs in the Library. Over 1,200 overdue notices were sent out and 375 Library catalogues were sold; four 7-page lists of new books were drawn up and sent to about 2,000 readers.

Statistical Information, Extension Library

Open Shelf Circulation:

Books:	1951-52	1950-51	Difference
Adult	41,528	40,778	750
Juvenile	10,702	11,022	—320
Banff School	6,836	7,164	—328
Periodicals and Pamphlets	3,572	3,700	—128
Plays	2,391	2,626	—235
	65,029	65,290	—261

Travelling Library Circulation:

Special Libraries	18,144	15,850	2,294
Regular Libraries	5,897	8,051	—2,154
	24,041	23,901	140

(The figures for travelling Library circulation are sent in by the custodians of the libraries.)

Total Circulation	89,070	89,171	—121
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Number of Travelling Libraries Circulated:

Special Libraries	280	238	42
Regular Libraries	160	200	—40
	440	438	2

Book Stock:

Books at April 1, 1951	31,599
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Accessions:

By purchase, 2,201; gifts, 41; total	2,242
Withdrawals	877

Net increase	1,365
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Books at April 1, 1952	32,964
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Membership:

The three-year file for Open Shelf postage accounts contains 5,970 names, many of which represent families. Travelling Libraries were sent to 207 different groups.

The Assistant Librarian again was in charge of the books at the Banff School of Fine Arts. The Librarian and one staff member contributed four talks to the radio program, "Books at Random", convened by the Librarian with the co-operation of the University Library and the Extension Library staff. The Librarian, with the co-operation of Miss Grace McDonald of the Edmonton Public Library, took charge of the 1951 Short Course for Librarians of Small Libraries organized by the Alberta Library Association and the Department of Extension.

VISUAL INSTRUCTION

In the field of Audio-Visual education, the period under review has been marked by continuing interest and demand for visual media of all kinds. Film strips, 2x2 slides and 16 mm films are being used to an increasing extent in school, church and other institutions and in informal education, the discussion type of film is proving useful. The sound film is being used to a much greater extent than still pictures in education and it is estimated that more than one hundred new sound projectors were supplied in Alberta during the past year increasing the total for the Province to over eight hundred, of which half are in schools.

Although much new material is becoming available in the form of film-strips, slides, etc., subject matter for the sound film is constantly expanding. A glance at the list of new films added to the film library since last year confirms this point. The United Nations is providing many films dealing with international affairs and its subsidiary organizations including the F.A.O. Films on national problems include Education, Mental Health, Delinquency, Highway Safety, and others have also been added to the library.

We are again indebted to the National Film Board of Canada for its continued co-operation in supplying many films on loan to our library for general circulation. The Canadian Film Institute, too, has loaned a block of films, mostly of British origin. Other specialized films from their extensive film library have been made available to the Division for clubs and societies desiring them. The Alberta Safety Council has again deposited a number of traffic safety films for general distribution. New catalogues of films issued during the year include a supplementary Industrial list dealing with Problems of Supervision; a supplementary list of films on Canada and our British heritage, and a special list on the Royal Family films; a supplementary list of Home Economics films, films for schools and for Home and School groups, and a general list for clubs and societies. New complete lists were issued of Church films, Community and National Problems, Sports and Recreation for summer use at camps and resorts.

Members of the staff attended film utilization workshops and institutes and took part in the programs. Exhibits of equipment for visual

instruction were provided at these and at educational conventions. Among these were the Anglican Audio-Visual Institute at Edmonton and Saskatoon, Alberta Safety Council at Red Deer, School Teachers' and Trustees' conventions at Edmonton and Calgary and the Edmonton Council of Churches Religious Education Institute.

Reference to the statistical information below will show that the circulation of slides has decreased while there is a substantial increase in the circulation of filmstrips, which are becoming increasingly popular particularly in public schools and church groups. With regard to moving picture films, circulation was practically the same as last year, 16,903 reels compared with 16,896. The number of showings, however, was less by 143 and total audiences also decreased. Film circulation from branch libraries showed an increase of 177 reels over last year. There are now twelve branch film depots forming the Alberta Circulating Film Exchange as compared with fourteen last year, due to the closing of the film depots at McLennan and Vermilion.

With the opening of the Rutherford Library and its completely equipped projection room, it was possible this year to arrange for a noon-day program of films to students and staff members interested. These showings were given from October 15th to March 21st, Monday to Friday of each week. Film showings were also given in the Education Building by the Education Undergrad Society with films supplied by the Department of Extension, on Monday and Friday of each week. The total number of noon showings was 182 with an average attendance of 65. These showings served to acquaint students with films available for community use, and it is expected that as they return to their own districts they will be in a better position to make known and recommend the many important documentary and informative films available from the Department of Extension film library.

The statistical information of the Division of Visual Instruction follows:

Statistical Information, Division of Visual Instruction

Number of Moving Picture Films in library:

Silent, 8mm. and 16mm.	466 titles	514 reels
Canadian Film Institute	19 "	39 "
National Film Board	324 "	510 "
N.F.B. in Exchange	180 "	278 "
Films owned by Exchange	103 "	120 "
Sponsored Films	95 "	174 "
Sound Films, general	1,370 "	1,940 "
Total silent and sound films.....	2,557 titles	3,575 reels
Number of films added to the library during the year (included in the above)	197 "	295 "
Number of filmstrips in library	1,324 "	.....
Number of sets of 2x2 slides in library	165 "	.....
Sets of old standard slides in library	426 "	.....

Circulation Figures

	1951-52	1950-51	Comparison
Orders received for standard slides...	43	70	27
Number of sets of standard slides sent out	62	91	29
Orders for 2x2 slides received	227	307	80
Number of 2x2 slide sets sent out.....	376	446	70
Number of times slides were used.....	354	518	164
Total audiences viewing slides.....	13,665	24,062	10,397
Sets of filmstrips sent out	1,913	1,344	569
Individual filmstrips sent out	4,066	2,848	1,218
Number of times filmstrips were shown	2,623	1,901	722
Total audiences viewing filmstrips.....	98,407	76,210	22,197
Number of slide lanterns loaned.....	58	65	7
Number of filmstrips and 2x2 projectors loaned	90	77	13
Sets of silent films sent out	258	288	30
Number of reels of silent films sent out	963	953	10
Sets of sound films sent out.....	3,958	3,711	247
Number of reels of sound films sent out	15,940	15,943	3
Total sets of moving picture films sent out	4,216	3,999	217
Total number of reels of moving picture films sent out	16,903	16,896	7
Total number of showings of films, sound and silent	5,417	5,560	143
Total audiences viewing films, sound and silent	473,910	521,130	47,220
Number of times projection service supplied	372	.....	.....
Number of screenings for groups in screening room	73	.....	.....
Total number of screenings	445	478	33
Branch library film showings	1,920	2,416	396
Number of reels sent out from branch libraries	8,821	8,644	177
Aggregate attendance at film showings from branch libraries	162,044	182,328	20,284

PETROLEUM TRAINING DIVISION

The Division has expanded its work considerably during the year and now employs three full-time instructors. Further growth is anticipated.

Personnel Training, as previously, received the greater part of the time and attention of this Division. During the year, a total of 480 employees of three contract drilling companies received training in safety and personnel work. Currently, this type of training is being revised with a view to making it more generally available.

The number of short courses of a technical nature was increased, and enrolment likewise reached a new high. During 1951 two "mud" or drilling fluid schools were held in Edmonton, and one in Calgary. A similar school was held in Stettler in March, 1952. Attendance at these schools aggregated 155 oilfield workers.

Short courses in crude oil treating and natural gas metering were held in the Department of Chemical and Petroleum Engineering during May of last year. Attendance was limited by the amount of equipment available to 55. A growing demand is anticipated for these courses.

Considerable time was taken up in the past year with the organization of new short courses to be added during 1952. Amongst these should be mentioned the following: a school in Diesel Engine Operation, to be held in Edmonton during the summer; an Oilwell Drilling Safety Clinic, to be held in Banff during April, 1952, and a short course in Handling and Running Oil Well Casing, available in the summer of 1952.

The Department of Extension wishes to thank the Department of Chemical and Petroleum Engineering for invaluable services rendered throughout the year under review.

FINE ARTS

During the period under review, a vigorous program in the Fine Arts has been carried on supplementary to the excellent work done at the Banff School of Fine Arts in its regular Summer Session. The appointment of an Extension Lecturer in Music, Miss Jocelyn Rogers, has made possible an expansion of activities in this field.

Art

Nearly 400 persons were in attendance at the 24 classes offered in the Community Art Class program. Apart from the series of ten classes in oil and water color painting, composition, anatomy, color and design and silk screen work in Edmonton, 13 rural communities from High River to Dawson Creek sponsored courses.

Much credit for the progress in this field goes to Professor H. G. Glyde and Professor J. B. Taylor of the Department of Fine Arts, Professor W. Rowan, Professor S. Clare, M. W. MacDonald, A.A.S.A., D. D. Barry, A.O.C.A., George Weber and Miss Janet Middleton of Calgary.

Music

During the past year, the University's activities in the field of music have increased considerably. A very successful southern tour was carried out by the University of Alberta Mixed Chorus under the direction of Professor Richard S. Eaton, and in the spring of 1952 the Chorus will sing to a number of northern communities.

Two courses in Choral Leadership were held at Tofield and Wetaskiwin, and a class in Music Appreciation at Red Deer. The total registration for these three courses was 71. A course in Music Appreciation was also given in Edmonton to nearly 100 persons by Mr. Arthur Crighton, Lecturer in Music in the Department of Fine Arts. Individual lectures in Music Appreciation were given in Lacombe and Ponoka with an attendance of nearly 200. Other fields of activity included the lending of choral music and help with District Music Festivals.

Drama

In spite of weather conditions during the fall and the delayed harvest, activity in drama has mounted throughout the Province. During the year, the Extension Drama Specialist adjudicated 68 plays for various groups; 49 visits were made to 26 centres during which general and technical information and aid was given. Personal help and advice was given many school and adult groups and nearly 100 Alberta drama organizations have written for advice on stage problems.

Four successful drama workshops were held in Lac La Biche, Beaverlodge, High Prairie and Wetaskiwin out of which have grown permanent local drama organizations. A considerable amount of time has been given to the growing number of festivals across the Province and to the development of theatre guilds and little theatre groups.

The 19th Annual Session of the Banff School of Fine Arts

The 19th session of the Banff School was held from June 25th to August 18th, and an experimental autumn class in Painting was held from September 3rd to 22nd. The total registration in the fine arts courses was 452, a slight reduction from the 488 figure of the previous year. Most of this reduction could be accounted for by a decrease in the number of American students in attendance, the decrease being from the normal 10 to 15% of total enrolment to about 5%.

From the academic point of view, the Session was outstanding. The student body was serious and hard-working. The quality of achievement in all divisions was high. This was particularly true of the Music Division which was outstanding when taken as a whole. The students in the Drama Division were inexperienced, but under the able direction of a well-balanced staff turned in fine performances. The Art Division turned in some striking work, and two new members in the persons of William Townsend from England and Jan Zach from Rio de Janeiro, made fine contributions, as did the regular members, Mr. Glyde, Mr. Murray MacDonald, Mr. Phillips and Mr. Taylor.

The Banff School has been singularly fortunate in being able to obtain the services of Miss Gweneth Lloyd of Winnipeg and Toronto, to head the Ballet Division. Under the distinguished and inspired guidance of this great teacher, the division has grown rapidly until now 100 students participate in her classes.

In Music, Hungary's loss has been Canada's gain in the person of Bela Boszormenyi-Nagy. Mr. Boszormenyi-Nagy is an exacting teacher and an inspired pianist. He is enthusiastic about the possibilities of Banff, and he succeeded in inspiring a degree of enthusiasm in the Music Division which has been lacking in the past two years. Some credit for this must also go to Mr. Clayton Hare of Calgary, who had charge of the Strings Division this year. The addition of this division was a great stimulus to the whole school, and Mr. Hare and his students made an unusually fine contribution.

The Banff School choir under the able leadership of Richard Eaton, is one of the most popular and finest features of the school. The choir

provides a fine opportunity for students and staff to get together and sing, and in this way it makes a fine contribution to the unity of the School as well as being important for its own sake.

In the Drama Division the late Mr. Burton James, of Seattle, with Mrs. James, did a splendid job, and a newcomer in the person of Prof. Vern Adix from the University of Utah turned in the best stage sets in the history of the school.

The classes in Playwriting and Short Story were under the direction of one of Canada's most promising younger writers and playwrights, Mr. Joseph Schull, who had a successful hard-working class.

The 1951 Banff School session was marked by several events of some historical importance. The first of these was the presentation of the first of the University of Alberta's National Awards in Letters, Painting and Related Arts, and in Music. The award in letters was made by the President at the closing banquet of the Canadian Authors' meeting on July 6th to the distinguished creator of the Jalna series of Canadian novels, Miss Mazo de la Roche. It was altogether an auspicious and inspiring occasion.

The award in Music was presented to Dr. Healy Willan of Toronto during festival week, and the award in Painting was presented in absentia to Dr. A. Y. Jackson.

The establishment of these national awards by the University has been well received throughout Canada, and the Board of Governors has honored the University, the Banff School and themselves by this far-sighted recognition of Canada's artists.

The second event of major importance in the history of the Banff School was the Dedication Ceremony on August 15th, at which time the chalets built with the Colonel J. H. Woods' Memorial gift were formally dedicated and presented to the School by Mrs. J. H. Woods of Calgary. The ceremony itself was impressive and simple, and it provided the opportunity for the University and the public to acknowledge the generosity of Mrs. Woods in giving to the University a splendid gift in keeping with the life and work of her late husband, who did so much for the encouragement of the arts in Western Canada.

It might also be said that a third important event took place in this 19th summer session when for the first time the Board of Governors held one of their regular Board meetings there on August 15th. It is to be hoped that this will become an annual event.

Mention should also be made of the fact that the Banff School was given the Henry Marshall Tory award for the institution which has made the outstanding contribution to adult education in Canada in the academic year 1950-51.

In addition to its important role in the fine arts, the Banff School is rapidly becoming an important centre for continuation studies for the University. During the year, 30 different groups with a total registration of 2,300 have used the facilities of the School. The decision to make a start on the first wing of the administration building this year will

provide additional classroom and lecture facilities on a year round basis. With these additional facilities the School will be able to accommodate more people by taking larger groups and by taking two or more small groups simultaneously.

STAFF

The organization and execution of the many and varied services described in this report involves a great deal of painstaking work and the co-operation of many agencies, institutions and individuals. The University and the Province have been well-served by all concerned. A special word of appreciation should be given to those members of the Department of Extension staff who frequently gave much more than ordinary service in the discharge of their duties.

No acknowledgement of the services of the staff would be complete this year without a special word of appreciation to three members of the staff of the Department of Extension who are retiring after 35, 30 and 27 years' service respectively. To Mr. H. P. Brown, for 35 years Supervisor of the Division of Visual Instruction, to Miss Alberta Nelson, Office Secretary for 30 years, and Mrs. Irene Bedford, stenographer, clerk and secretary for 27 years, goes a great deal of the credit for building up the reputation of the University's Extension Service. Over the years they have given a quality of public service that has earned the gratitude and admiration of their friends and colleagues and the grateful thanks of thousands of people in Alberta and beyond who know the University well and favourably because of their devotion to duty.

We wish all three many years of well-earned retirement.

STATISTICAL SURVEY

Lectures:

University Teaching staff	980		
Department of Extension staff	228		
	—	1,208	
Aggregate attendance			89,355
Number of radio talks:			
Extension staff	57		
Teaching staff	207		
	—	264	
Conferences and short courses, Table II.....			5,454
Number in attendance at oil conference	480		
Studio Theatre attendance	5,494		
Feeders' Day attendance	899		
Breton Field Day	350		
Plant Science Field Day	300		
	—		1,450

Visual Instruction:

Number of sets of standard slides sent out.....	62		
Number of 2x2 slides sent out	376		
Number of times slides were used	354		
Total audiences viewing slides			13,665
Sets of filmstrips sent out	1,913		
Individual filmstrips sent out	4,066		
Number of times filmstrips were shown	2,623		
Total audiences viewing filmstrips			98,407

Number of slide lanterns loaned	58	
Number of filmstrip and 2x2 projectors loaned	90	
Sets of silent films sent out	258	
Sets of sound films sent out	3,958	
Number of reels of sound films sent out	15,940	
Total sets of moving picture films sent out	4,216	
Total number of reels of moving picture films sent out	16,903	
Total number of showings of films, sound and silent	5,417	
Total audiences viewing films, sound and silent		473,910
Number of times projection services supplied	372	
Branch Library film showings	1,920	
Number of reels sent out from branch libraries	8,821	
Aggregate attendance at film showings from branch libraries		162,044
Library and Debating Service:		
Number of travelling libraries in use	440	
Number of times sent out:		
Regular libraries	280	
Special libraries	160	
Recorded circulation		24,041
Open Shelf Circulation:		
Books:		
Adult	41,528	
Juvenile	10,702	
Banff School	6,836	
Plays	2,391	
Periodicals and pamphlets	3,572	
		65,029
Number of package libraries for debaters sent out		51
Study Group Material:		
Number of Citizens' Forum Bulletins sent out	1,650	
Total number of sets of study bulletins sent out	25	
		1,675
New Canadian Plays and Soil Mechanics:		
Number of copies of New Canadian plays sold	380	
Number of copies of Proceedings of Soil Mechanics and Concrete sold	30	
		410
Publications:		
Press Bulletin, Seasonal Notes	10,000	
Press Bulletin, Feeders' Day Program	4,000	
		14,000
Agricultural bulletins sent out during year	17,497	
Mimeos, circulars and other bulletins sent out	400	
		17,897
Total number of bulletins distributed since inception of service	542,055	
University News Letter:		
Number of issues	18	
Circulation, 18x200		3,600
MAT circulation		800
The New Trail—number sent out		16,500

RECAPITULATION

Total aggregate attendance at lectures, conferences, schools and short courses: lantern slide lectures, filmstrip programs, moving pictures, circulating film exchange, oil conferences, Studio Theatre, Field Days	850,259
Total circulation of travelling library books, Open Shelf, package libraries for debaters, Citizens' Forum Bulletins, sets study group material, New Canadian Plays, Proceedings Soil Mechanics and Concrete	91,206
Total circulation of Press Bulletins, Agricultural publications, News Letter, New Trail, MAT	52,797

CONCLUSION

If we accept the thesis that the function of University Extension is to mobilize the educational resources of an area or region and bring them to bear in meeting the needs of the people, then the University of Alberta is playing a major role in meeting the educational needs of the people far beyond the classroom. During the year just concluded, 3,400 students were enrolled in courses leading to academic credits of one kind or another; 5,454 were enrolled in some 97 extension classes held in 22 different centres in Alberta. Many thousands more received services varying from a letter answering an inquiry on some personal problem, to a scientific bulletin or a program of educational films or a travelling library. In every case, the University was carrying out its vital role of "going to the people" and helping them to continue their education. In taking the University to the people the extension program has offered everything from a Brahms Concerto for a group of talented music students to a Mud School for roughnecks in the oil drilling industry.

Each represents a phase of community life, vital and important. So long as the University continues to reach out to serve such diverse groups, so long will it continue to grow in strength and influence because its roots will find sustenance and its mind challenge an inspiration in the people's needs.

Respectfully submitted,

DONALD CAMERON,

Director.



ANNUAL REPORT

on

Extension Activities of the University
of Alberta

for the Year ending March 31st
1953



—Photo by Wells

Rutherford Library, University of Alberta

Published by
Department of Extension, University of Alberta
Edmonton, November, 1953

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DONALD CAMERON, B.Sc., M.Sc., Director, Department of Extension

Annual Report on Extension Activities

of the

UNIVERSITY OF ALBERTA

for the Year ending March 31st, 1953

Edmonton, April 25th, 1953

Dr. Andrew Stewart,

President, University of Alberta.

Mr. President:

I have the honor to submit the fortieth annual report on extension activities for the year ending March 31, 1953. The report records in some detail the educational activities carried on by members of the various faculties, schools and departments apart from regular classroom and research duties.

As in past years, a large amount of time has been given by members of the staff to extension activities. An estimated total of 1,215 lectures was given to audiences totaling 80,124 in addition to 211 radio talks. Over 2,900 man-days were devoted to the preparation of these lectures, radio talks, extension correspondence and interviews. These figures emphasize the necessary and important part played by the University in the Province in addition to regular teaching activities.

The number of extension short courses, classes and conferences offered has increased over the last five years from 54 to 126. Aggregate attendance at these projects, which on the average involve about 30 hours each of class time, was 5,000. Twenty-seven centres from Lethbridge and Medicine Hat in the south to the Peace River block were served in this way. Subject matter covered by the courses ranged over a very wide field from the fine arts, social sciences, professional work in nursing and business to technical and industrial training.

A new development in the University's extension work has been the Evening Division, a program of credit classes designed to provide the first-year course requirements of the B.A. and B.Com. degrees and the first year of the pre-law course. One hundred and thirty-two students were enrolled in the eight courses offered in Edmonton and Calgary. The regular program of thirty non-credit evening classes offered this year in Calgary, Edmonton, Red Deer and Camrose was attended by 900 persons.

Perhaps the most intensive of the longer courses offered during the year was the Advanced Management Course held in Banff in January and February of this year. From all points of view, this course was an unqualified success. In recognition of the need in the business community for training at this level, the four western universities have joined in

sponsoring the Banff School of Business Administration, which will in the future provide similar and related programs.

The circulation of books and periodicals by the Extension Library has shown a substantial over-all increase during the year of about seven per cent. Open shelf distribution remained much the same as last year while an additional 42 travelling libraries were circulated throughout the Province and in the Northwest Territories.

Circulation figures from the Visual Instruction Division show a gain of 15% over the previous year in the distribution of 16-mm. films, with a slight decline in the number of filmstrip and slide sets used. The library of the Division now lists over 2,900 16-mm. film subjects in its catalogues as well as 1,500 filmstrips and 600 slide sets.

As a part of its work in training personnel in the oil industry in safe and efficient working methods, the Petroleum Training Division during the year planned and supervised 16 specialized courses, including drilling engine schools, mud schools, oil treatment schools, welding courses, courses in handling and running casing, and various safety schools. The safety education service of the Division has been made available to a number of drilling contractors to aid in setting up effective safety programs at the rigs.

In the fine arts program, 475 students in drawing, painting and allied subjects were enrolled in 30 classes at 14 centres across the Province. Demands on the time of the extension specialist in drama in particular have increased considerably. Through adjudications, practical demonstrations and short courses, help in this field has been given at several hundred centres. The 1952-53 program at the Banff School of Fine Arts was the most successful in the history of the School. Total attendance in the 29 courses offered during the session was 474 and the calibre of the work done was exceptionally high. The increasing number of general adult education courses and conferences taking place at the School bears out its exceptional advantages in location.

Table I—University Extension Activities during the Year 1952-53

Faculty or Department	Ext. Lects. Man-Days		Radio Talks Man-Days		Ext. Corr. Man-Days		Extension Interviews Man-Days		No. of Radio Talks Given		No. of Lectures Given		Total Attendance at Lectures	
	52-53	51-52	52-53	51-52	52-53	51-52	52-53	51-52	52-53	51-52	52-53	51-52	52-53	51-52
Arts and Science, including School of Household Economics	279	278	39	40	142	124	113	117	54	53	371	431	14,759	18,892
Faculty of Engineering	39	68	1	3	28	75	65	73	2	1	50	60	2,825	1,593
Faculty of Medicine, including Schools of Pharmacy and Nursing	106	59	7	12	48	46	9	76	6	26	111	63	9,646	3,470
Faculty of Agriculture	164	159	47	38	472	369	313	238	61	50	126	147	16,045	26,657
Faculty of Education	334	182	36	39	108	118	131	116	37	58	246	192	12,993	20,495
Faculty of Dentistry	...	9	...	...	2	2	...	2	...	...	...	13	...	380
Faculty of Law	...	7	3	...	...	...	2	1	1	...	...	12	...	1,175
University Library	...	...	...	27	...	...	...	...	...	17	...	...	...	...
Department of Extension, including Extension Library	N/A	...	N/A	...	N/A	...	N/A	...	48	57	299	269	23,205	15,352
Research Council of Alberta	10	21	...	3	195	234	211	118	...	2	5	13	300	791
Department of Physical Education	9	13	2	...	...	28	2	8	2	...	7	8	351	550
	941	796	138	162	993	996	846	749	211	264	1215	1208	80,124	89,355

Table II—Short Courses, Classes and Conferences Arranged and Organized by the Department of Extension

Course, Class, Conference	Sponsor	Place	Period	Hours' Duration	Attendance
1. Beginners' Ukrainian	Department of Extension	Edmonton	Oct. 13 - Dec. 15	15	36
2. Intermediate Ukrainian	Department of Extension	Edmonton	Oct. 13 - Mar. 30	30	39
3. Business Management	Department of Extension	Edmonton	Oct. 14 - Dec. 16	15	54
4. World Affairs	Department of Extension	Edmonton	Oct. 14 - Dec. 16	15	51
5. Conversational French	Department of Extension	Edmonton	Oct. 15 - Dec. 17	15	40
6. Business and Industrial Psychology	Department of Extension	Edmonton	Oct. 16 - Dec. 18	15	40
7. Music Appreciation I	Department of Extension	Edmonton	Oct. 16 - Dec. 18	15	75
8. Ukrainian Literature	Department of Extension	Edmonton	Oct. 17 - Apr. 3	30	60
9. Appreciation of Literature	Department of Extension	Edmonton	Oct. 17 - Dec. 19	15	35
10. Music Appreciation II	Department of Extension	Edmonton	Jan. 26 - Mar. 30	15	16
11. The Great Philosophers	Department of Extension	Edmonton	Jan. 27 - Mar. 31	15	45
12. Comparative Religion	Department of Extension	Edmonton	Jan. 27 - Mar. 31	15	14
13. Psychology of Personality and Adjustment	Department of Extension	Edmonton	Jan. 28 - Apr. 1	15	52
14. The English Novel	Department of Extension	Edmonton	Jan. 28 - Apr. 1	15	15
15. Story of the Canadian West	Department of Extension	Edmonton	Jan. 28 - Apr. 1	15	17
16. Sight Singing and Aural Training	Department of Extension	Edmonton	Feb. 13 - Apr. 16	15	14
17. Home Designing and Planning	Department of Extension	Edmonton	Jan. 30 - Apr. 9	15	25
18. Commercial Law	Department of Extension	Edmonton	Jan. 26 - Mar. 30	15	29
19. Home Designing and Planning	Department of Extension	Edmonton	Jan. 26 - Mar. 30	15	49
20. Music Appreciation	Department of Extension	Edmonton	Jan. 27 - Mar. 31	15	39
21. Appreciation of Literature	Department of Extension	Edmonton	Jan. 27 - Mar. 31	15	32
22. History of the Canadian West	Department of Extension	Edmonton	Jan. 27 - Mar. 31	15	9
23. World Affairs	Department of Extension	Edmonton	Jan. 27 - Mar. 31	15	16
24. Psychology of Personality and Adjustment	Department of Extension	Edmonton	Jan. 28 - Apr. 1	15	18
25. Principles of Gardening	Department of Extension	Edmonton	Jan. 28 - Apr. 1	15	33
26. World Affairs	Department of Extension	Edmonton	Jan. 28 - Apr. 1	15	16
27. Music Appreciation	Department of Extension	Edmonton	Jan. 20 - Mar. 24	15	12
28. World Affairs	Department of Extension	Edmonton	Jan. 22 - Mar. 26	15	14
29. Psychology of Personality and Adjustment	Department of Extension	Edmonton	Jan. 20 - Mar. 24	15	15
30. Education 308	Department of Extension	Edmonton	Jan. 22 - Mar. 26	15	10
31. Education 326-526	Department of Extension	Edmonton	Oct. 6 - Apr. 6	75	18
32. French 2	Department of Extension	Edmonton	Oct. 6 - Apr. 6	75	17
33. Political Economy	Department of Extension	Edmonton	Oct. 6 - Apr. 6	75	2
34. English 2	Department of Extension	Edmonton	Oct. 7 - Apr. 7	75	23
35. Philosophy 54	Department of Extension	Edmonton	Oct. 7 - Apr. 7	75	31
36. English 2	Department of Extension	Edmonton	Oct. 8 - Apr. 8	75	22
37. Life Drawing and Painting	Dept. of Extension, Dept. of Fine Arts	Edmonton	Oct. 6 - Apr. 6	75	19
38. Portrait, Life Drawing and Painting II	Dept. of Extension, Dept. of Fine Arts	Edmonton	Oct. 13 - Apr. 7	46	9
	Dept. of Extension, Dept. of Fine Arts	Edmonton	Oct. 13 - Apr. 7	46	20

39. Composition: Water Color and Oil	Dept. of Extension, Dept. of Fine Arts	Edmonton	Oct. 13 - Apr. 7	46	13
40. Composition and Decorative Painting	Dept. of Extension, Dept. of Fine Arts	Edmonton	Oct. 14 - Apr. 8	46	14
41. Anatomy	Dept. of Extension, Dept. of Fine Arts	Edmonton	Oct. 14 - Apr. 8	46	7
42. Painting Techniques	Dept. of Extension, Dept. of Fine Arts	Edmonton	Oct. 15 - Apr. 9	46	11
43. Portrait and Life Drawing 1	Dept. of Extension, Dept. of Fine Arts	Edmonton	Oct. 15 - Apr. 9	46	14
44. Composition: Water Color and Oil	Dept. of Extension, Dept. of Fine Arts	Edmonton	Oct. 15 - Apr. 9	46	30
45. Graphic Art	Dept. of Extension, Dept. of Fine Arts	Edmonton	Oct. 15 - Apr. 9	46	6
46. Lettering and Layout	Dept. of Extension, Dept. of Fine Arts	Edmonton	Oct. 15 - Apr. 9	46	9
47. Still Life Painting	Dept. of Extension, Dept. of Fine Arts	Edmonton	Oct. 15 - Apr. 9	46	5
48. Color and Design	Dept. of Extension, Dept. of Fine Arts	Edmonton	Oct. 16 - Apr. 10	46	5
49. Portrait Painting in Oils	Dept. of Extension, Dept. of Fine Arts	Edmonton	Oct. 16 - Apr. 10	46	6
50. Silk Screen Printing	Dept. of Extension, Dept. of Fine Arts	Edmonton	Oct. 17 - Apr. 11	46	5
51. Children's Class in Art	Dept. of Extension, Dept. of Fine Arts	Edmonton	Oct. 17 - Apr. 11	46	7
52. General Art Class	Dept. of Extension, Dept. of Fine Arts and University Women's Club	Edmonton	Oct. 18 - Apr. 12	46	71
53. Community Art Class	Brooks Sketch Club	Edmonton	Oct. 17 - Apr. 11	46	8
54. Community Art Class	Medicine Hat Art Club	Brooks	Oct. 23 - Mar. 19	12	15
55. Community Art Class	Camrose Art Club	Medicine Hat	Oct. 23 - Mar. 20	48	35
56. Community Art Class	High River Sketch Club	Camrose	Oct. 31 - Mar. 20	20	18
57. Community Art Class	Lacombe Art Club	Lacombe	Jan. 15 - Mar. 20	24	22
58. Community Art Class	Lloydminster Art Club	Lloydminster	Nov. 7 - Mar. 20	20	22
59. Community Art Class	Mannville Art Club	Mannville	Nov. 18 - Mar. 10	20	30
60. Community Art Class	Red Deer Art Club	Red Deer	Nov. 20 - Apr. 2	20	15
61. Community Art Class	Smoky Lake Art Club	Red Deer	Nov. 13 - Apr. 9	40	17
62. Community Art Class	St. Paul Art Club	Smoky Lake	Nov. 8 - Mar. 28	20	8
63. Community Art Class	Vulcan Art Club	St. Paul	Nov. 7 - Mar. 27	20	18
64. Community Art Class	Wetaskiwin Art Club	Vulcan	Jan. 13 - Mar. 17	20	10
65. Community Art Class	Westlock Art Club	Wetaskiwin	Oct. 24 - Mar. 13	20	10
66. Community Art Class	Department of Extension	Westlock	Nov. 4 - Mar. 24	20	22
67. Personnel Management Course	Department of Psychology and I.A.P.E.S.	Dawson Creek	Apr. 30 - May 9	50	22
68. Accounting 1	Society of Industrial and Cost Accountants of Alberta	Edmonton	Jan. 23 - Mar. 27	20	36
69. Business Mathematics	Society of Industrial and Cost Accountants of Alberta	Edmonton	Oct. 6 - Mar. 23	40	21
70. Industrial Organization and Management	Society of Industrial and Cost Accountants of Alberta	Edmonton	Oct. 6 - Mar. 23	40	22
71. Fundamentals of Cost Accounting	Society of Industrial and Cost Accountants of Alberta	Edmonton	Oct. 6 - Mar. 23	40	14
72. Accounting 1	Society of Industrial and Cost Accountants of Alberta	Edmonton	Oct. 6 - Mar. 23	40	15
73. Business Mathematics	Society of Industrial and Cost Accountants of Alberta	Edmonton	Oct. 6 - Mar. 23	40	25
74. Industrial Organization and Management	Society of Industrial and Cost Accountants of Alberta	Edmonton	Oct. 6 - Mar. 23	40	28
75. Fundamentals of Cost Accounting	Society of Industrial and Cost Accountants of Alberta	Edmonton	Oct. 6 - Mar. 23	40	15

Table II—Continued

	Sponsor	Place	Period	Hours' Duration	Attendance
76. Master Class in Piano	Department of Extension	Edmonton	Jan. 13 - Jan. 15	8	26
77. Senior Actors' Workshop	Dept. of Extension and Studio Theatre	Edmonton	Oct. 20 - Mar. 28	80	13
78. Junior Actors' Workshop	Dept. of Extension and Studio Theatre	Edmonton	Oct. 20 - Mar. 28	80	14
79. Advanced Management Course	Universities of Alberta, Manitoba and British Columbia	Banff	Jan. 19 - Feb. 28	175	35
80. Committee Members' Workshop	Camrose Home and School Association	Camrose	Mar. 2	8	140
81. Improving Nursing Care	School of Nursing, Faculty of Medicine and Department of Extension	Edmonton	Feb. 18 - Feb. 28	8	79
82. Nursing Guidance	School of Nursing, Faculty of Medicine and Department of Extension	Edmonton	Mar. 16 - Mar. 18	20	33
83. Nursing Guidance	School of Nursing, Faculty of Medicine and Department of Extension	Calgary	Mar. 19 - Mar. 21	20	30
84. Committee Members' Workshop	Department of Extension and Community Organizations	Nanton	Mar. 20 - Mar. 21	12	65
85. Committee Members' Workshop	Department of Extension and Community Organizations	High River	Mar. 23 - Mar. 24	12	54
86. Committee Members' Workshop	Department of Extension and Community Organizations	Drumheller	Mar. 27	8	26
87. June Short Course in Painting	Banff School of Fine Arts	Banff	Jun. 23 - July 5	60	42
88. Autumn Short Course in Painting	Banff School of Fine Arts	Banff	Aug. 18 - Sep. 13	120	21
89. Banff School of Fine Arts Summer Session	Banff School of Fine Arts	Banff	July 7 - Aug. 16	....	474
90. Institute on Nursing in Industry	Industrial Nurses of Edmonton, School of Nursing	Edmonton	Mar. 20 - Mar. 21	11	26
91. Improving Nursing Care	Dist. 8, Alberta Assn. of Reg. Nurses, School of Nursing and Fac. Medicine	Lethbridge	Mar. 25 - Mar. 27	18	84
92. Administration in Public Health Nursing	School of Nursing, Faculty of Medicine and Department of Extension	Edmonton	Oct. 27 - Oct. 31	12	22
93. Oilwell-Drilling Safety Clinic	Alberta W.C.B., C.A.O.D.C., W.C.P.A., Department of Extension	Banff	Apr. 17 - Apr. 18	11	90
94. Oil-Treating School	Dept. of Chem. and Pet. Engineering, W.C.P.A., Department of Extension	Edmonton	May 19 - May 30	30	24
95. Drilling Engine School	C.A.O.D.C., Department of Extension	Edmonton	Jun. 2 - Jun. 20	36	42
96. Cost Accounting in Oilwell Drilling	C.A.O.D.C., W.C.P.A., Dept. of Extension	Calgary	Jun. 9 - Jun. 12	22	66
97. Cost Accounting in Oilwell Drilling	C.A.O.D.C., W.C.P.A., Dept. of Extension	Edmonton	Jun. 23 - Jun. 26	22	47
98. Mud School	Dept. of Chem. and Pet. Engineering, C.A.O.D.C., Department of Extension	Devon	Jun. 30 - July 11	60	24
99. Mud School	Dept. of Chem. and Pet. Engineering, C.A.O.D.C., Department of Extension	Edmonton	July 21 - Aug. 1	60	26
100. Oil-Treating School	Dept. of Chem. and Pet. Engineering, C.A.O.D.C., Department of Extension	Edmonton	Sep. 1 - Sep. 12	30	23

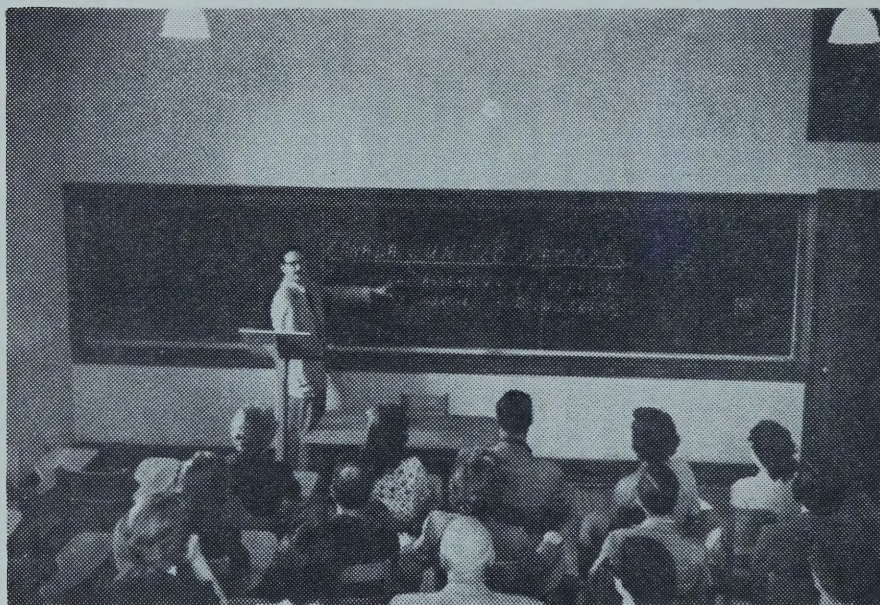
101. Supervisors' Safety School	Department of Extension (P.I.T.S.)	Lloydminster	Oct. 22 - Oct. 23	3	52
102. Occupational Safety School	Department of Extension (P.I.T.S.)	Lloydminster	Nov. 28	3	72
103. Welding School	Dept. of Extension, Dept. of Industries and Labour, Canadian Liquid Air	Edmonton	Nov. 10 - Nov. 14	12	16
104. Welding School	Dept. of Extension, Dept. of Industries and Labour, Canadian Liquid Air	Lloydminster	Nov. 24 - Nov. 27	12	10
105. Petroleum Geology Course	Dept. of Extension, Imperial Oil, Shell Oil, Texaco, Lane Wells	Edmonton	Mar. 2 - Mar. 30	10	65
106. Handling and Running Casing	C.A.O.D.C., W.C.P.A., Dept. of Extension	Calgary	Sep. 19 - Sep. 20	3	82
107. Handling and Running Casing	C.A.O.D.C., W.C.P.A., Dept. of Extension	Edmonton	Sep. 22 - Sep. 26	3	145
108. Handling and Running Casing	C.A.O.D.C., W.C.P.A., Dept. of Extension	Lloydminster	Sep. 29	3	46
109. Farm Young People's Week	Fac. of Agriculture, School of Nursing, School of Household Economics, Department of Extension	Edmonton	July 10 - July 18	75	170
110. Rural Leadership	Department of Extension	Banff	Oct. 27 - Nov. 8	90	23
111. Group Discussion Techniques Workshop	Alberta Home and School Association	Banff	Sep. 10 - Sep. 12	20	52
112. Community Life Conference	Dept. of Agriculture and Fairview Business Men's Association	Fairview	July 2 - July 5	30	101
113. Community Life Conference	Dept. of Agriculture and Community Organizations	Beaverlodge	July 7 - July 10	30	500
114. Rural Leadership Skills Course	Drumheller District Agricultural Society	Drumheller	July 16 - July 20	15	23
115. Acting Class	Wetaskiwin Theatre Guild	Wetaskiwin	Feb. 1 - May 31	60	15
116. Acting Class	Children's Theatre	Edmonton	Oct. 1 - Nov. 15	60	15
117. Film Workshop	High Prairie School Division	Falher	Sep. 24 - Sep. 25	5	110
118. Film Institute and Workshop	Department of Extension	Peace River	Oct. 1 - Oct. 2	6	12
119. Film Institute and Workshop	Department of Extension	Fairview	Oct. 4 - Oct. 7	8	21
120. Film Institute and Workshop	Department of Extension	Grande Prairie	Oct. 10 - Oct. 14	7	16
121. Film Institute and Workshop	Department of Extension	Dawson Creek	Oct. 15 - Oct. 19	4	19
122. Film Workshop	Department of Extension, Red Deer Film Council and National Film Board	Red Deer	Feb. 11 - Feb. 12	10	50
123. Choral Leadership	Department of Extension	Mayerthorpe	Nov. 19 - Feb. 4	20	19
124. Soil Mechanics	Department of Extension and Department of Civil Engineering	Edmonton	Apr. 21 - Apr. 25	30	41
125. Group Discussion Workshop	Alberta Federation of Home and School Associations and Dept. of Extension	Calgary	Jan. 14 - Mar. 26	24	34
126. Group Discussion Workshop	Alberta Federation of Home and School Associations and Dept. of Extension	Edmonton	Jan. 21 - Apr. 2	24	18

4,947

SHORT COURSES, CLASSES AND CONFERENCES

Of the various adult education methods, the intensive short course continues to be the approach best suited to this Province. During the year there has been a substantial increase in the number of short courses organized, an increase made possible by the cooperation of members of the University staff and outside specialists alike.

The series of Evening Classes were again well received in Edmonton and Calgary. Twenty-nine classes in all were offered, Sight Singing, The English Novel, Psychology of Personality and Adjustment, Ukrainian Language and Literature, Canadian History and Home Designing among them. A similar program this year was offered in Red Deer and Camrose on an experimental basis. It is hoped that in succeeding years these classes may be offered in other Alberta centres.



A typical evening class

A substantial and effective piece of work is being carried on in the field of business education. The Registered Industrial Accountants, for example, in cooperation with the Department of Extension offers annually a series of four courses in both Edmonton and Calgary in accounting, business mathematics and industrial organization and management. Supplementing these are regular evening lecture classes in business and industrial psychology, commercial law and business management, among others, together with intensive short courses in such specialized fields as personnel management and oil well drilling and cost accounting. The Advanced Management course, a six-week intensive study in administrative policies, personnel, marketing and related subjects, provides the specialized training needed for executives moving to roles of greater responsibility.

Rather more work with rural groups in the field of community leadership has been carried on than in previous years. The demand from rural organizations for instruction and direction in how to carry on the community's business has been met in part by the series of Committee Members' Workshops held at High River, Nanton, Camrose and Drumheller, the courses in group discussion techniques organized at Banff, Calgary and Edmonton, the annual Community Life Conferences this year held at Fairview and Beaverlodge, and the course in rural leadership skills offered in Drumheller. Special mention should be made of the thirty-fourth annual Farm Young People's Week and the ten-day Rural Leadership Course, each of which was decidedly successful in its purpose of training leaders for farm communities.

A survey of Table II indicates the specialized professional work being done in the field of nursing in cooperation with the School of Nursing and the Faculty of Medicine. A total of 200 nurses in various parts of the province took part in courses in nursing care, nursing guidance, industrial nursing and nursing administration held in Edmonton, Calgary and Lethbridge.

THE STUDY GROUP PROGRAM

Citizens' Forum, a joint project of the Canadian Association for Adult Education and the C.B.C., continued as one of the study-group activities carried on by this Department. In the course of the year, 1,175 pamphlets were distributed to seven listening groups and 300 other interested persons. Twenty sets of debating material were loaned and the remaining copies of the bulletin, "Soil Mechanics and Concrete Proceedings", were sold.

RADIO EXTENSION WORK

Members of the University staff have been responsible during the year for the presentation of a variety of radio programs over CKUA. A total of 601 broadcasts were contributed in various series, including "Behind the Headlines", dealing with current events; "Your Home and You", "World of Science", "Music Hour" and others in the 360 broadcast hours allotted.

AGRICULTURAL EXTENSION AND PUBLICATIONS

The agricultural extension work of the Department of Extension is confined mainly to the answering of hundreds of letters of general inquiry concerning agricultural problems, the provision of special lectures, participation in short courses and the distribution of bulletins.

The Faculty of Agriculture was host during the year to 800 persons at the Feeders' Day and 350 at the Breton Field Day. Heavy rains marred the Plant Science Field Day, reducing the attendance to 200.

Agricultural Publications

During the year 1,250 requests for agricultural publications were received and dealt with and 600 inquiries for specific information were referred to other departments of the University.

The following bulletins were printed during the year:

Woody Ornamentals for the Prairie Provinces,	10,000 copies
Capitalizing on Hay and Pasture Through Feeder Cattle.....	5,000 copies
Sheep Production in Alberta	5,000 copies
Swine Production in Alberta	10,000 copies

In the year under review 17,991 bulletins, circulars and leaflets were distributed.

In addition, approximately 400 agricultural publications, Provincial and Dominion, as well as a number of mimeographed circulars were distributed.

Press Bulletin

During the year covered by the report, 10,000 copies of press bulletin, "Seasonal Notes", by the Department of Plant Science were sent out, as well as 4,000 copies of "The Feeders' Day Program" by the Department of Animal Science.

The New Trail

During 1952-53, 15,200 copies of "The New Trail", the publication of the University's Alumni Association, were mailed.

MAT

A new publication, MAT, covering University and Provincial events in music, art and the theatre, was published quarterly during the year and distributed to 700 persons.

EXTENSION LIBRARY

Circulation in the Extension Library during the year showed an overall increase of about 7% from 89,070 to 95,089. This increase is accounted for particularly by the heightened demand for special libraries and requests for children's books. There has been a slight decrease in circulation of adult books from the Open Shelf, and in plays, periodicals and pamphlets.

The demand for children's books has come from rural schools as well as from individual boys and girls, and has never so far exceeded the supply as during the past year. Action will be taken to meet and improve this situation.

The preparation of a new printed catalogue of the Open Shelf has been a time-consuming process over the last eight months. Like each new catalogue before it, it will, however, revitalize the relationship between the Library and its readers, who rely to a large extent on the printed catalogue for their knowledge of the contents of the Library. As usual, lists of new books have been sent out every three months to about 2,500 readers requesting them.

Members of the library staff have had opportunities during the year to meet some of their readers, most of whom they know only by mail. The books at the Banff School of Fine Arts were in charge of the assistant librarian, Miss E. M. Chiverton, and Miss Elsie Messervy. Mrs. M. K. Bacon spoke to the girls attending Farm Young People's Week on the



Stocking a Travelling Library

Extension Library and its work. At the invitation of the Women's Division of the Agricultural Extension Service of the Provincial Government, the Librarian spoke to groups of farm women at Olds, Vermilion, Ardrossan, Stony Plain and Edmonton. As a member of the Alberta Library Board, the Librarian visited two rural libraries to give them practical assistance and took part in a discussion of rural library problems with the board of the Lacombe Regional Library. As a member of the council of the Canadian Library Association, the Librarian took part in the arrangements for the national conference held in June at the Banff School of Fine Arts, an event of considerable importance to Alberta librarians.

Statistics for the year are as follows:

Open Shelf Circulation

Books:	1952-53	1951-52	Difference
Adult	40,664	41,528	864
Juvenile	12,688	10,702	1,986
Banff School	7,104	6,836	268
Periodicals and Pamphlets	2,195	3,572	1,377
Plays	1,321	2,391	1,070
	63,972	65,029	1,057

Travelling Library Circulation

Special Libraries	24,856	18,144	6,712
Regular Libraries	6,261	5,897	364
	31,117	24,041	7,076

Number of Travelling Libraries Circulated

	1952-53	1951-52	Difference
Special Libraries	323	280	43
Regular Libraries	159	160	1
	482	440	42

Book Stock

Books at April 1, 1952	32,964
Accessions: By purchase, 1,979; gifts, 35; total	2,014
Withdrawals	494
Net increase	1,520
	34,484

Subscriptions to Periodicals: 146

Membership

Open Shelf: 5,774; groups using Travelling Libraries: 217

Other Statistics

Catalogue cards made: 8,392	Books sent to bindery: 371
Overdue notices sent: 1,825	Repairs in library: 2,169
Books prepared for circulation: 2,014	Books discarded: 494

(Note: The figures for Travelling Library circulation are sent in by custodians of the libraries.)

VISUAL INSTRUCTION DIVISION

The past year has been marked by a continuing interest in audio-visual education in this province.

Circulation of 16-mm. sound films, which comprises the most important section of the library, has shown a substantial increase of 15% from 15,940 to 18,340 reels. This gain parallels the upward trend in purchases of film projectors throughout the Province. A growing number of churches, industrial plants and rural and urban community organizations are realizing the value of visual education. The number of films in the library stock has grown and the subject range has widened considerably during the year. Thanks are due to the National Film Board for its co-operation in adding to the supply of films in the library, which now numbers 4,178 reels, an increase of 603 over the previous year. The Alberta Safety Council, among others, has added additional films to the present stock.

Work on a catalogue of education films which lists each film with brief descriptive comments was completed during the year. In addition, the preparation of new film lists and revision of old ones was carried on throughout 1952-53.

The period under review has seen a distinct decline in the circulation of the library's still-picture material, slides and filmstrips. Increased competition among the growing numbers of filmstrip producers has cut prices to the point where it becomes possible for interested organizations, particularly schools and churches, to build up their own libraries. As was expected, fewer of the older type standard slides were used, while the distribution of 2x2 sets continued to decline more slowly.



A section of the Extension Film Library

During 1952-53, more time was devoted to working with Alberta communities in promoting effective film utilization. Film workshops were conducted at Falher, Peace River, Fairview, Grande Prairie, Dawson Creek and Red Deer, with an aggregate attendance of 250.

Statistical Information, Department of Visual Instruction

Number of moving picture films in the library:	Titles	Reels
Silent, 8 mm. and 16 mm.	466	514
Canadian Film Institute	19	39
National Film Board	579	929
N.F.B. in Exchange	141	212
Films owned by Exchange	140	154
Sponsored Films	123	216
Sound Films, general	1,473	2,114
Total, silent and sound	2,941	4,178
Number of films added to the library during the year (included in the above), discards and withdrawals also included	384	603
Number of filmstrips in library.....	1,531	.....
Number of sets of 2x2 slides in library.....	187	.....
Number of sets of old standard slides in library.....	425	.....

Circulation Figures

	1952-3	1951-2	Comparison
Orders received for standard slides	19	43	-24
Number of sets of standard slides sent out	25	62	-37
Orders for 2x2 slides received	239	227	+12
Number of 2x2 slides sent out (sets)	353	376	-23
Number of times slides used	299	354	-55

Total audiences viewing slides	11,456	13,665	-2,209
Sets of filmstrips sent out	1,848	1,913	-65
Individual filmstrips sent out	3,760	4,066	-306
Number of times filmstrips were shown.....	2,342	2,623	-281
Total audiences viewing filmstrips	89,314	98,407	-9,093
Number of slide lanterns loaned	50	58	-8
Number of filmstrip and 2x2 projectors loaned	125	90	+35
Sets of silent films sent out	228	258	-30
Number of reels of silent films sent out.....	861	963	-102
Sets of sound films sent out	4,303	3,958	+345
Number of reels of sound film sent out ...	18,340	15,940	+2,400
Total sets of moving picture films sent out	4,531	4,216	+315
Total number of reels of moving picture films sent out	19,201	16,903	+2,298
Total number of showings of films, sound and silent	5,812	5,417	+395
Total audiences viewing films, sound	474,663	473,910	+553
Number of times projection service supplied	336	372	-36
Number of screenings for groups in screening room	69	73	-4
Total number of screenings	405	445	-40
Branch Library film showings	1,594	1,920	-326
Aggregate attendance at film showings from libraries	119,044	162,044	43,000

PETROLEUM TRAINING DIVISION

The University's Petroleum Industry Training Service, in close co-operation with the Provincial Government, the Canadian Petroleum Association and the Canadian Association of Oilwell Drilling Contractors has been engaged in training personnel in the industry in safe and efficient working methods and harmonious working relationships.

Mention has been made above of the 16 specialized technical courses arranged for 800 workers in the oil industry. In addition, a safety education service is in operation, the purpose of which is to provide expert advice and guidance in reducing working hazards. The Division's safety specialist in frequent field visits to the various rigs through conferences with drilling superintendents and toolpushers has been successful in setting up safety committees which are effectively maintaining an efficiency and safety consciousness among rig crews. Ten rigs are currently cooperating in this program.

As its effectiveness in reducing the accident rate grows more evident, it is anticipated that an increasing number of the smaller companies now without a safety service will participate.

FINE ARTS

As is evident from Table II, members of the staff have devoted a good deal of time to carrying out an active program in the fine arts. This, coupled with the work of the Extension Specialists in Music and Drama and the Banff School of Fine Arts Summer Session has gained the Province an enviable reputation in this field.



An extension class in portrait painting

Art

General courses under the Department's Community Art/Class program were offered in 14 rural communities in addition to the 16 more specialized courses available to students in Edmonton. A total of 475 students were enrolled in the 30 classes.

A new development this year has been the experimental course in painting for children. Some excellent work has been done by this group of 70 and the concluding exhibition displayed some unusual talent.

A number of striking collections of paintings were exhibited this year by the Department of Fine Arts, to which must go credit for the successful art program carried out during the year.

Music

Highlights of the University's activities in the field of music were again the Mixed Chorus under the direction of Professor R. S. Eaton and the University Symphony conducted by Arthur B. Crighton. Each of these groups gave a series of concerts to enthusiastic audiences in Edmonton and in addition performed at other centres in the Province. The annual tour of the Chorus this year in the Peace River district was again a substantial success.

Eight courses in the fields of music appreciation, sight singing and aural training, master piano and choral leadership were offered at Edmonton, Camrose, Calgary and Mayerthorpe, with total registrations of 182. Apart from this course work, a considerable amount of help was given community festivals through adjudications.

Drama

Demands upon the Extension Drama Service have grown steadily over the past three years and the number of people reached by the service has tripled. During the current year, the drama specialist adjudicated 129 plays for school and adult groups, giving personal help in rehearsals to 36. About 400 different drama groups in the Province applied for and were given information and help with their various problems and two short courses were arranged at Edmonton and Wetaskiwin.

An important development during the year has been the reorganization of the Provincial One-Act Festival, largely the responsibility of the drama specialist. A total of 29 plays were entered in six zone festivals to aggregate audiences of 5,000. During the year, too, the first Alberta Regional Festival since 1933 was held and accounted a substantial success. The winning entry, "Othello," presented by the Studio Theatre, will compete in the Dominion Final Festival in Victoria.

Forty-eight performances were presented by the Studio Theatre under Professor R. H. G. Orchard to total audiences during the year of 8,500.

Banff School of Fine Arts

The twentieth Annual Summer Session of the Banff School of Fine Arts was held from June 24 to September 13, 1952. This was the longest period devoted to the fine arts in the history of the School. The session was divided into three sections: a summer short course in painting from June 24 to July 5, the regular summer session from July 6 to August 16, and the autumn course in painting from August 18 to September 13. The session this year has been outstanding both from the standpoint of quality of work accomplished and attendance, which increased from 452 in 1951 to 537 in 1952.

The high standard set in previous sessions was, if anything, surpassed this year. In the Music Division particularly, the quality of achievement demonstrated by the students was a striking tribute to the effectiveness of the instructors. Their enthusiasm as a group was amply demonstrated in the production of "Dido and Aeneas", which was the premiere performance in Canada of this opera.

As in past years, an outstanding contribution has been made to the success of the School by Gweneth Lloyd, founder-director of the Winnipeg Ballet Company and principal of the Canadian School of Ballet. Her inspired guidance is reflected both in the growth of the Ballet Division and the competence of its students.

In drama, Dr. Frank Whiting and the staff of the Division achieved excellent results with a rather better than average group of students. Special mention should be made of Professor John A. Russell, a newcomer to the staff whose stage sets lent a very special touch to the performances undertaken.

The usual high standard of work was maintained in the applied arts, weaving, leathercraft and ceramics. Of special interest was the work

done by students in the ceramics class, newly organized after a lapse of some years under the guidance of Elaine Joyce.

Professor Sylvan N. Karchmer, a newcomer to the staff from the University of Oregon, made a fine contribution in his work with the classes in playwriting and short story. Both staff and students in these sections and in the class in radio writing and technique well deserve their reputation for hard work.

The culminating exhibition of the students in the Painting Division was vivid and striking and showed very positively the progress made. The School was again fortunate in having the services of William Townsend of the Slade School, London, for a second year as special lecturer.

The School's traditional Festival Week was this year a brilliant success with performances ranging from the opera, 'Dido and Aeneas,' a full-dress ballet presentation, two evenings of one-act plays to three delightful performances of J. M. Barrie's 'Peter Pan.' The second annual Bach Festival Competition was especially notable both for the enthusiasm of the competitors and the high standard set in their performances.

Quite apart from the Summer Session in the fine arts but no less important is the development of this third campus of the University as a continuation centre. The School's obvious advantages as an adult education centre are reflected in the growing number of specialized adult education projects gravitating towards it.

Perhaps the most significant among the varied programs now available at the School during the fall, spring and winter months is the Banff School of Advanced Management organized by the University of Alberta and sponsored by all four western universities. The second Advanced Management course offered this year, outlined in an earlier section of this report, has suggested other related fields in which the same high calibre of work can be done.

A course in Rural Leadership, the Home and School workshops and the Safety Clinic represent a few of the other projects carried on at the School. All told, about 35 to 40 different groups totalling 4,000 people have used the facilities of the school during the year.

STAFF

Even a cursory examination of this report will indicate the large extent and increasing variety of the University's extension work. Such a program could only be carried out with the sympathetic cooperation of members of the University staff which it is a pleasure to acknowledge here.

Business organizations, Dominion and Provincial Governments, organized farm groups and individual citizens have all shared in the year's accomplishments. It is with considerable satisfaction that we record these close and cordial working relationships with the University's constituency.

During the year, Martin L. Adamson, a graduate of this University, was appointed supervisor of the Visual Instruction Division following the retirement of H. P. Brown.

A special word of appreciation is due to staff members of this Department. Their teamwork and unstinting efforts has made it possible to carry out the most comprehensive program in the history of the University.

STATISTICAL SURVEY

Lectures

University teaching staff	916		
Department of Extension staff	299		
	—	1,215	
Aggregate attendance			80,124
Number of radio talks:			
Extension staff	48		
Teaching staff	163		
	—	211	
Conferences and short courses, Table II			4,947
Studio Theatre attendance		8,500	
Feeders' Day attendance	800		
Breton Field Day	350		
Plant Science Field Day	200		
	—		1,350

Visual Instruction

Number of sets of standard slides sent out	25		
Number of 2x2 slides sent out	353		
Number of times slides were used	299		
Total audience viewing slides			11,456
Sets of filmstrips sent out	1,848		
Individual filmstrips sent out	3,760		
Number of times filmstrips were shown	2,342		
Total audiences viewing filmstrips			89,314
Number of slide lanterns loaned	50		
Number of filmstrip and 2x2 projectors loaned	125		
Sets of silent films sent out	228		
Sets of sound films sent out	4,303		
Number of reels of sound films sent out	18,340		
Total sets of moving picture films sent out	4,531		
Total number of reels of moving picture films sent out	19,201		
Total number of showings of films, sound and silent	5,812		
Total audiences viewing films, sound and silent			474,663
Number of times projection services supplied	336		
Branch library film showings	1,594		
Number of reels sent out from branch libraries	—		
Aggregate attendance at film showings from branch libraries			119,044

Library and Debating Service

Number of travelling libraries in use	482		
Number of times sent out—			
Regular libraries	159		
Special libraries	323		
Recorded circulation			31,117

Open-Shelf Circulation

Books:			
Adult	40,664		
Juvenile	12,688		
Banff School	7,104		
Plays	1,321		
Periodicals and pamphlets	2,195		
			63,972
Number of package libraries for debaters sent out			20

Study Group Material

Number of Citizens' Forum bulletins sent out	2,075
--	-------

New Canadian Plays

Number of copies of New Canadian plays sold	135
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Publications

Press Bulletin, Seasonal Notes	10,000	
Press Bulletin, Feeders' Day Program	4,000	
		14,000
Agricultural bulletins sent out during year	17,991	
Mimeos, circulars and other bulletins sent out	400	
		18,391
Total number of bulletins distributed since inception of service	560,046	
MAT circulation		2,800
The New Trail, number sent out		15,200

RECAPITULATION

Total aggregate attendance at lectures, conferences, schools and short courses: lantern slide lectures, filmstrip programs, moving pictures, circulating film exchange, Studio Theatre, field days	789,398
Total circulation of travelling library books, Open Shelf, package libraries for debaters, Citizens' Forum bulletins, New Canadian plays	96,319
Total circulation of press bulletins, agricultural publications, The New Trail, MAT	50,391

CONCLUSION

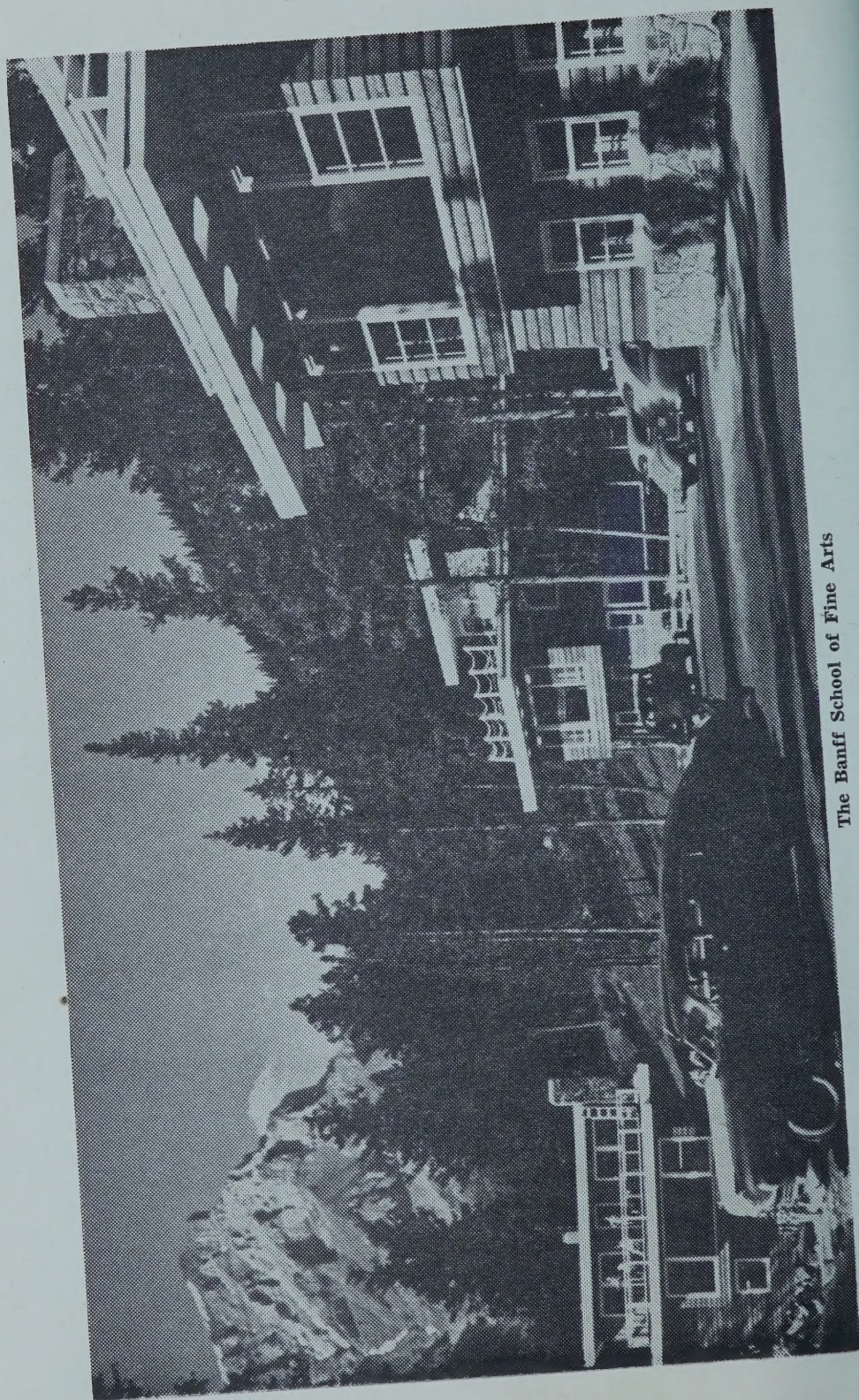
In concluding this fortieth annual report on the extension activities of the University, acknowledgment must be made for the increasingly important contribution made to the University program by many firms, organizations and individuals who have given generously of their time, resources and energies in this form of public service. Without this wholehearted cooperation, much of the work could not be done.

A review of the extension program over the last five years shows an increasing demand for and interest in continuing education. This trend is particularly evident in the fields of business and industry. Such an interest is healthy and challenging. By providing the opportunity for the faculty to come in intimate contact with the problems of a rapidly changing and expanding community, the University is served, because these men return to their classrooms with a first-hand and practical knowledge of the problems in their own particular fields. The community is served by drawing on men who bring to their field of interest wide training, an objective approach, and a sense of perspective.

So long as the University continues to seek out and meet the needs of the people it serves, so long will it continue to grow in strength and importance. It can only meet those needs by effectively mobilizing the educational resources of its constituency. That is the challenge to present-day University extension work and extension workers. In accepting it, the University can fulfill its destiny and make a greater return to the community than ever before.

Respectfully submitted,

DONALD CAMERON, Director.



The Banff School of Fine Arts



ANNUAL REPORT

on

Extension Activities

for year ending March 31st, 1954



Arts Building, University of Alberta

Published by
Department of Extension, University of Alberta

ANNUAL REPORT

on

Extension Activities of the University
of Alberta

for the Year ending March 31st
1954

COMMITTEE ON UNIVERSITY EXTENSION

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DONALD CAMERON, B.Sc., M.Sc., Director, Department of Extension.

Annual Report on Extension Activities

of the

UNIVERSITY OF ALBERTA

for the Year ending March 31, 1954

Edmonton, May 3rd, 1954

Dr. Andrew Stewart,
President, University of Alberta.

Mr. President:

I have the honor to submit the forty-first annual report on extension activities of the University for the year ending March 31, 1954. This report includes a detailed account of activities carried on by members of the various faculties, schools and departments in addition to their regular duties.

A measure of the close link between the University and its constituency is gained from a survey of Table 1 which follows. Staff members gave an estimated 935 lectures to audiences of over 70,000 and 164 radio talks during the year under review.

Quite apart from regular course and research work, extension correspondence, interviews and the preparation of public lectures and talks required an estimated 2,200 hours which if anything is a conservative figure.

Extension short courses, classes and conferences have grown considerably in number over several years. During this year, 116 courses were offered at thirty-one centres. Aggregate attendance was 4,960 and on the average, each involved between 30-35 hours of class time. A survey of Table II indicates a very wide variety in subject matter ranging from the arts, through business and professional studies, various University credit classes to leadership skills and technical problems in industry.

The program of credit and non-credit evening classes formed an important part of the Department of Extension's offerings during the year. Twelve hundred students were enrolled in 30 non-credit and 9 credit classes organized in Edmonton, Lethbridge and Calgary.

The new program of management training included a six-week session in Advanced Management and a two-week course in Executive Development in which a total of nearly 100 executives from across Canada enrolled. The need for this type of training and the growing support accorded this program is indicated by the rapidly increasing number of applications received.

There has been a considerable expansion in the field of leadership training particularly in rural Alberta. The University, in cooperation with farm organizations, cooperatives and community groups has conducted a number of courses and schools with the end in view of stimulating and assisting leaders in farm communities. Indications of success in this program are apparent in the follow-up work done by members of the staff.

Book stock in the Extension Library now stands at 37,000 not including 6,000 pamphlets and periodicals. General circulation has increased over last year with open shelf distribution at 53,000 and travelling libraries at 490, the latter serving communities not only in Alberta but in the Northwest Territories.

Circulation figures in the film library show an increase over the previous year, 21,000 reels in all being sent out. Although more community organizations now own their own library of film strips, the demand on the Visual Instruction Division for these teaching aids has grown. Circulation of slides has declined in consequence. Apart from film and film strip distribution, the Division has been responsible for promoting effective use of visual aids and the circulation and servicing of equipment. A marked increase in the number of films deposited by business organizations and the National Film Board for use has facilitated the work of the Division.

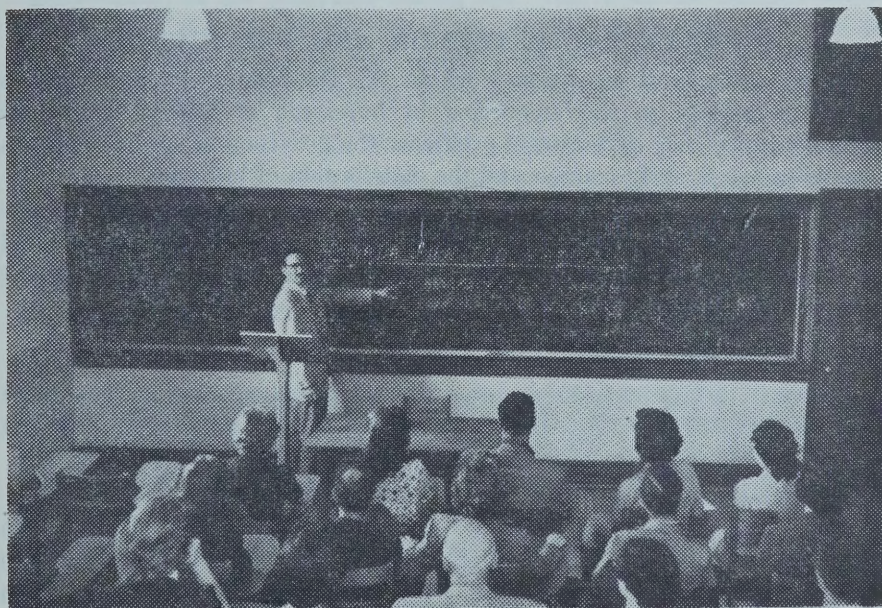
During the year the Petroleum Industry Training Service which works in close cooperation with government and the industry, provided training at convenient centres for 600 persons in technical subjects. An important aspect of the work of the Service lies in safety training and the development of attitudes more conducive to safe operating procedure.

The 1953 Session of the Banff School of Fine Arts, both in terms of its enrolment, 535, and its program, was a substantial success. The recently completed Administration Building provided a handsome setting for the School's traditional festival week of recitals and performances. Supplementing the Summer Session was the usual program of practical aid through the Extension specialists in Music and Drama. Thirty-one courses in the fields of painting, music and drama were offered at twenty-seven centres to an aggregate enrolment of over eight hundred students.

SHORT COURSES, CLASSES AND CONFERENCES

Bearing in mind the number of full time extension staff members, the intensive short course provides the most advantageous approach in bringing the business, professional, artistic and other resources of the community to bear in the job of adult education. Some 4,960 students registered for 116 courses offered in large and small centres across the Province.

The Evening Class program of credit and non-credit classes was a substantial success both in terms of the work accomplished and the popular support for the program in Edmonton, Calgary and Lethbridge. One hundred and fifty-eight students were enrolled in the nine credit classes and 985 in 30 non-credit classes. The latter series included "Petroleum Law", "Income Tax Problems in Business", "Landscaping the Small Lot", "Contemporary Philosophy" and "Effective Reading", among the subjects offered.



A typical evening class

An important part of the extension program has been the work done in the field of community leadership particularly with men and women in the age bracket 20-30 years. Farm Young People's Week in its thirty-fifth annual session brought together 148 students for an intensive seven days of study and discussion of general questions related to their work and leisure. A two-week leadership course held in Banff for forty persons from similar backgrounds had as its purpose the development of community leadership skills and a sense of purpose in leadership. In addition to these, the Department of Extension cooperated with farm organizations in arranging a number of meetings to discuss organizational, administrative and leadership problems of associations

in the rural community. An important aspect of this program has been the follow-up work with these students in their own areas.

A thirty-five hour basic course of instruction in Real Estate Principles and Practice was organized at the request of the Alberta Real Estate Association and offered at Edmonton, Calgary and Lethbridge. A group of fifty business and professional men, University staff members and government officers formed the instructional staff. A total of nearly 400 attended the four classes scheduled.

As has been the case for several years, there has been an increasing demand from business generally for a variety of instruction at the technical, professional and semi-professional levels. Nursing Institutes, Oilfield Cost Accounting Courses, Safety Clinics, Sanitary Inspection and Municipal Administration are among the fields in which classes have been arranged at various points in the Province. Mention has already been made of the development of courses within the Management Program at Banff.

AGRICULTURAL EXTENSION AND PUBLICATIONS

The agricultural extension work of the Department of Extension is confined mainly to the answering of hundreds of letters of general inquiry concerning agricultural problems, the provision of special lectures, participation in short courses and the distribution of bulletins.

The Faculty of Agriculture was host during the year to 700 persons at the Feeders' Day, 400 at the Breton Field Day and 100 at a new Field Day held at Youngstown. Heavy rains forced cancellation of the Plant Science Field Day.

Agricultural Publications

During the year 1,310 requests for agricultural publications were received and dealt with and 516 inquiries for specific information were referred to other departments of the University.

The following bulletins were printed during the year:

Care and Feeding of Dairy Cattle	5,000
Diseases of Poultry	5,000
Sheep Production in Alberta	5,000
Soil Survey of the High Prairie and McLennan Sheets	3,400
Swine Barn Sheet	5,000
Soil Zones of Alberta	10,000

There was an increase in demand for our publications from areas outside the Province of Alberta. 750 copies of Woody Ornamentals were sold to the University of Saskatchewan, 500 copies of Circular No. 26, Pre-harvest Top Killing of Legume Seed Crops, were sold to A. T. Sinclair, North American Cyanamid Limited, Toronto, and approximately 1,000 copies of miscellaneous bulletins were sold to individuals or small groups.

In the year under review, 23,991 bulletins, circulars and leaflets were distributed.

Press Bulletin

During the year covered by the report, 10,000 copies of press bulletin 'Seasonal Notes', by the Department of Plant Science were sent out, as well as 4,000 copies of 'The Feeders' Day Program' by the Department of Animal Science.

The New Trail

During 1953-54, 12,560 copies of 'The New Trail', the publication of the University's Alumni Association, were mailed.

Citizens' Forum

During the year, 1,401 copies of the study pamphlets accompanying C.B.C. broadcasts were distributed to 83 subscribers.

Radio Extension Work

Apart from broadcasts presented over the C.B.C. network and the commercial stations, University staff members were responsible for the presentation of 338 programs during the year from the campus studios of station C.K.U.A. Among the more popular series offered in the ten hours of weekly broadcast time available were "The Music Hour", "Great Literature" and "The World of Science".

EXTENSION LIBRARY

During the year the Extension Library books have continued to bring information, enjoyment and understanding to many people through the Province who have no access to large public libraries. There is a small increase in the total Open Shelf circulation, a larger one in Special Libraries, and a decrease in the circulation of Regular Travelling Libraries.



Stocking a Travelling Library

The new 348-page catalogue, **All for the Asking**, has facilitated the mail order process for readers, and the three-monthly lists of new books sent to all purchasers of the catalogue has contained more titles this year than ever before.

An exact count of reference questions was begun this year, and over an eleven month period 650 requests for information were answered on a variety of subjects. These included—to mention a few—cubist painting, the best method of getting rid of skunks, early fur-traders of the west, origins of religion, short story writing, kitchen planning, and progressive education.

Two members of the staff each spent four weeks at the Banff School of Fine Arts in charge of the books sent there from the Extension Library. The Librarian visited two public libraries to give technical assistance, and directed the Short Course for Librarians of Small Libraries put on by the Department of Extension and the Alberta Library Association. Five talks at the Schools of Community Life at Beaverlodge and Fairview, two at the Rural Leadership Course at Banff, three radio talks on books and libraries on the Extension Department program, a talk on the fairy-tale for another University program, and an interview over a city radio station during Young Canada's Book Week were given by the Librarian during the year.

VISUAL INSTRUCTION DIVISION

Visual aids have continued to maintain an important place in providing information and educational opportunities for the people of the Province.

Bearing in mind the increased number of film sources, it is of interest to note that the use of sound films continues to increase. Despite the fact that numerous schools and churches now own a considerable number of filmstrips, circulation of this teaching aid also shows an increase. As in other years, the use of slides continues to decline and this is particularly evident in the 2x2 slide section. An explanation of this lies in the small number of sets available and the poor quality of the material as compared to similar subjects available in strip form.

The use of sponsored films is showing a marked increase. Although most of these films deal with specific industries or manufacturing processes, their film content is such that a considerable number have been approved for school use.

Distribution of films to city schools continues to increase, in proportion to the number of new schools being opened. The use of films by other schools in the Province shows no marked change. Films used by churches, Home and School Associations, and community organizations, remains at about the same level as in previous years, while use of films in industrial and business training shows a marked increase.

The Alberta Circulating Film Exchange was disbanded during the past year, since it was found more practical for the various Film Councils to operate as separate units, or as part of a regional Film Council



A section of the Extension Film Library

Federation. All films owned by the Exchange were distributed among the members.

A start has been made toward removing obsolete prints in the library and the replacing of worn out subjects which are still in heavy demand. This entails a considerable amount of time and effort, and it will probably be a year or two before any appreciable results are noticed.

Besides loaning still and motion picture material, the Division makes available for borrowing certain types of projection equipment and supplies projector and operator service to organizations which do not as yet possess their own equipment. The Division offers advice on the use of equipment and assists the public in locating sources of films and filmstrips that can be of help in their specific programs.

As in previous years, the Division has worked in close cooperation with the National Film Board and is indebted to it for the use of so many films deposited in the Library and for its help and advice in other matters.

PETROLEUM TRAINING DIVISION

The Petroleum Industry Training Service division of the Department of Extension, serving in close co-operation with the Provincial Government, the Canadian Petroleum Association and the Canadian Association of Oilwelling Drilling Contractors, provides training at convenient centres for personnel of the oil industry.

During the year, over six hundred persons participated in thirteen technical and safety courses.

The P.I.T.S. Safety Representative has been actively participating in oil field safety activities throughout the province. Through conferences with management and drilling superintendents, drilling companies have improved their safety programs. Recurrent visits have been made to over twenty-five different drilling rigs. Safety conferences with the crews have been held to cultivate attitudes more conducive to accident prevention and talks have been illustrated with the latest types of visual equipment.

FINE ARTS

During the year the University has continued its close association with the cultural life of the Province through the Banff School of Fine Arts and through its extension specialists in the arts. Noticeable progress is evident in all fields.

Art

Despite the lack of adequately trained instructors, nineteen classes at ten points outside of Edmonton received instruction in drawing and painting. Evidence of progress is obvious in the works shown at exhibitions in the various centres. Students in Edmonton for the first time this year had the option of taking any of the thirteen courses offered for credit towards the Diploma in art or simply for their own recreation and pleasure. The experimental classes in children's art under the supervision of a Faculty of Education instructor, were decidedly successful and useful as a laboratory in testing new approaches in art training.

Music

Best known of the University activities in music and the most widely attended are the Mixed Chorus and University Singers, groups under the direction of Associate Professor R. S. Eaton, and the University Symphony under Assistant Professor A. B. Crighton. The annual tour of the Mixed Chorus was as usual received with great pleasure. Much credit is due both conductors and student performers for their fine work.

In Edmonton, two courses in Music Appreciation and one in Sight Singing and Ear Training were offered while in Lethbridge and Tofield instruction was given in Choral Leadership and Music Appreciation. Apart from these informal classes in which one hundred and eighty-nine were enrolled, assistance was given to a number of communities with specific problems in the field of music.

Drama

The last five-year period has seen a gratifying growth in community theatre in the Province. The demand on the University for training in drama has increased and is being met through growing numbers of workshops and courses at various points in the Province. Seven Workshops with a total enrolment of 295, were offered at widely dispersed points.



An extension class in portrait painting

Help in particular problems ranging from the technical aspects of stage lighting to play adjudication was given two hundred groups including schools.

Assistance in the organization and development of regional and Provincial Drama festivals forms an important part of the work of the Extension Drama Specialist. Evidence of the growing importance of the festivals is indicated by the active participation of twenty Alberta centres in festivals at six central points.

Banff School of Fine Arts

The Banff School of Fine Arts Annual Summer Session was held from June 22 to September 12. This 21st session marks the School's coming of age and a substantial achievement in all its Divisions. A total of 535 students from widely scattered points on the continent attended the 35 classes offered.

Under the leadership of Professor Joseph F. Smith of Hawaii, the Drama Division undertook and completed a heavy program of production and study culminating with accomplished presentations of "The House of Bernarda Alba" and "The Lady's Not for Burning". Work of the laboratory classes in Stagecraft under Prof. John Graham, which turned out some imaginative sets, should be given special mention.

The School's Music Division maintained its usual level of excellence. Standards of achievement were high in all sections and much credit must go to the instructional staff for their skill in seeking out and developing the talent of the students. Special effort was made to provide students with ample opportunity to accustom themselves to the audience and to

sense out its mood through public performance. Apart from the informal "4 O'clock Recitals", Music Division students presented performances of the opera "Martha", Haydn's "Creation" and several formal recitals, all of which were ably supported by the string orchestra under Clayton Hare.

Staff members in the Painting Division included well-known artists from Canada and abroad; W. J. Phillips, H. G. Glyde, J. W. G. Macdonald, J. B. Taylor, William Scott of the Bath Academy and Eric Byrd of South Africa, a newcomer to Canada. This variety in staff permitted a variety in classroom approach and the student in this Division had the opportunity of attending either indoor or outdoor classes at various levels and in various media. The annual exhibition of student paintings provided striking contrasts in subject and technique. The classes in the applied arts, weaving, leathercraft and ceramics, while smaller in enrolment than usual, were able to exhibit some skillfully executed pieces of refreshingly original design.

A pressing need on this third campus of the University has been met in the completion of the Administration Building. Completed immediately prior to the opening of the Session, the building provides first class sleeping accommodation, convenient offices, classrooms, display rooms and a handsome auditorium. During the year the auditorium has provided an exceptionally attractive setting for lectures, recitals, conference meetings and dances.

Management Training Division

Under the new program of Management Training, two very successful Schools were held in the winter session of 1954. These were the Third Annual Banff School of Advanced Management, initiated by the Department of Extension, and now sponsored by the Universities of Alberta, British Columbia, Manitoba and Saskatchewan, and the Short Course in Executive Development, sponsored by the Department of Extension, in cooperation with the Society of Registered and Industrial Cost Accountants, Calgary Branch.

The Advanced Management School was held from February 1st to March 13th, 1954, and was attended by 69 executives from Ontario, Manitoba, Saskatchewan, Alberta and British Columbia. These men were mostly managers, secretaries, accountants and department heads, of a wide cross-section of Canadian business. The average age was 40 years and the average salary \$9,000.00, with a range from \$4,200.00 to \$24,000.00

In the six week session, the men completed an intensive program of studies and cases in the fields of Human Relations, Labour Relations, Administrative Practices, Financial Control, Financing Enterprise and the Canadian Economic Scene. The work was carried out under a distinguished staff of lecturers and business leaders, which included the following:

Dr. Andrew Stewart, President, University of Alberta.

Professor E. D. MacPhee, Director of the School of Commerce, University of British Columbia.

Professor Hugh Wilkinson, University of British Columbia.

Dr. T. H. McLeod, Dean of the College of Commerce, University of Saskatchewan.

Walter E. Duffett, Assistant Director of Research for the Bank of Canada.

Dr. Dale Yoder, Head of the Institute of Industrial Relations, University of Minnesota.

Dr. Eugene Burgess, Vice-President of Industrial Relations, General Mills, Chicago.

Dr. Dwight Palmer of Dwight Palmer Associates, Business Consultants, Los Angeles.

Mr. R. A. Mahoney, Labor Relations Consultant, Vancouver.

Mr. Thomas Chambers, Comptroller, British Columbia Electric Railway, Vancouver.

Evidence of the growing support for this type of practical business training by business firms is indicated by the fact of the increasing enrolment each year. In 1952 the registration was 24; in 1953—35; and in 1954—69. The number would have been substantially higher had it not been for the establishment of a ceiling of 70. Several men were turned away and over half the 1955 quota was filled by April 1st.

The Short Course for Executive Development was established by the University at the request of the Calgary Chapter of the Society of Registered Industrial and Cost Accountants, who felt there was a need for a shorter course than the six week's Advanced Management program, which would deal with a lesser number of subjects in the same field. Accordingly, it was agreed to sponsor a two week course in Executive Development, generally aimed at a younger group of executives and individuals from private or family firms, who would find it impossible to get away from their businesses for six weeks, but who might get away for two.

As this course was of an experimental nature, no extensive advertising program was carried out, but 26 men were in attendance. Their average age was 37 years, but the great majority were in the 28 to 35 year bracket. The average salary of this group was \$7,000.00, with a range from \$3,800.00 to \$22,000.00.

The subjects of Human Relations, Financial Management and Control, and Business Finance, were very competently handled by Professor Stuart Hennessey of the University of Toronto, Professor R. A. Sutermeister of the College of Business Administration, University of Washington, Professor Walter Gainer of the University of Alberta, and Mr. G. M. Blackstock, Q.C., recently retired Public Utilities Commissioner for Alberta.

At the conclusion of the course there was a unanimous request from the students that the course become an annual event, and that it should be more widely extended to the four Western Provinces.

STAFF

It will be obvious that the extent and variety of the extension program detailed above must rest on a base of cordial and effective working relationships between the University and many agencies, institutions and individuals. It is a pleasure here to acknowledge the assistance and cooperation of the Dominion and Provincial Governments, of business, labor and farm organizations, of the many voluntary community organizations and interested individuals. A special word of thanks should go to members of the University staff for their contributions in all phases of the program.

During the year, Martin L. Adamson, Supervisor of the Visual Division left the staff to take up post-graduate studies. H. Grant Sampson of Sherbrooke, Que. replaced Bruce Hansen, Extension Music Specialist. To all members of the staff of the Department of Extension should go a special tribute. Their cooperation and teamwork in meeting the demands of the public have been clearly evident throughout the year.

CONCLUSION

This forty-first annual report marks the end of a productive year in extension activity and one which reflects credit on the University staff and those private organizations and individuals whose cooperation made the program possible.

University extension is essentially a cooperative endeavour. It represents a partnership between professional educational leadership and the countless individuals and organizations in the community who do the community's work. To be successful there must be a constant two-way communication between each of the participating agencies, directed to the end of satisfying expressed and discovered needs. It is a source of gratification to the University that each year an increasing number of individuals, groups and organizations are coming to look upon it as an essential partner in the development of their programs. Out of that relationship there is developing a mutual confidence and respect based upon understanding of the role of each. Out of that relationship we are developing a University whose roots draw strength and sustenance from every segment of the community. The University in return provides inspiration, stimulus and challenge to those who share its tasks.

Respectfully submitted,

DONALD CAMERON, Director.

APPENDIX

Table I—University Extension Activities during the year 1953-54

Faculty or Department	Ext. Lects.		Radio Talks		Ext. Corr.		Extension Interviews		No. of Radio Talks		No. of Lectures		Total Attendance at Lectures	
	53-54	52-53	53-54	52-53	53-54	52-53	53-54	52-53	53-54	52-53	53-54	52-53	53-54	52-53
Arts and Science including School of Household Economics	167	279	52	39	159	142	140	113	66	54	253	371	12,978	14,759
Faculty of Engineering	3	39	3	1	9	28	15	65	1	2	2	50	410	2,825
Faculty of Medicine including School of Pharmacy and Nursing	70	106	3	7	97	48	79	9	4	6	95	111	4,754	9,646
Faculty of Agriculture	160	164	17	47	500	472	265	313	29	61	118	126	21,797	16,045
Faculty of Education	192	334	29	36	103	108	70	131	24	37	178	246	15,515	12,993
Faculty of Dentistry	18	...	...	...	1	...	2	...	...	...	6	...	705	...
Faculty of Law	10	...	1	3	...	...	...	2	1	1	5	...	735	...
University Library	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Department of Extension including Extension Library	N/A	...	N/A	...	N/A	N/A	N/A	...	38	48	277	299	13,318	23,205
Research Council of Alberta	...	10	...	...	...	195	...	24	...	...	...	5	...	300
Department of Physical Education	14	9	1	2	13	...	9	2	1	2	7	7	815	351
	634	941	106	135	882	993	580	659	164	211	941	1,215	71,027	80,124

Table II—Short Courses, Classes and Conferences Arranged and Organized by the Department of Extension

Course, Class, Conference	Sponsor	Place	Period	Hours' Duration	Attendance
1. Beginner's Ukrainian	Department of Extension	Edmonton	Oct. 19 - Dec. 21	15	16
2. Intermediate Ukrainian	Department of Extension	Edmonton	Oct. 19 - Dec. 21	15	18
3. Music Appreciation II	Department of Extension	Edmonton	Oct. 19 - Dec. 21	15	14
4. Beginner's Russian	Department of Extension	Edmonton	Oct. 13 - Apr. 1	80	20
5. European History—Napoleon	Department of Extension	Edmonton	Oct. 13 - Dec. 15	15	8
6. Effective Reading—Section I	Department of Extension	Edmonton	Oct. 14 - Dec. 16	15	50
7. Effective Reading—Section II	Department of Extension	Edmonton	Oct. 19 - Jan. 11	15	54
8. Ukrainian Literature	Department of Extension	Edmonton	Oct. 14 - Dec. 16	15	24
9. Comparative Religion	Department of Extension	Edmonton	Oct. 14 - Dec. 16	15	31
10. Petroleum Law	Department of Extension	Edmonton	Oct. 15 - Dec. 17	15	84
11. Income Tax Problems in Business	Department of Extension	Edmonton	Oct. 16 - Dec. 18	15	33
12. Conversational French—Section I	Department of Extension	Edmonton	Oct. 16 - Dec. 18	15	21
13. Conversational French—Section II	Department of Extension	Edmonton	Oct. 13 - Dec. 15	15	17
14. Public Speaking and Chairmanship—Section I	Department of Extension	Edmonton	Jan. 25 - Apr. 5	15	23
15. Public Speaking and Chairmanship—Section II	Department of Extension	Edmonton	Jan. 25 - Apr. 5	15	18
16. Sight Singing and Ear Training	Department of Extension	Edmonton	Jan. 25 - Apr. 5	15	11
17. Contemporary Philosophy	Department of Extension	Edmonton	Jan. 26 - Mar. 30	15	44
18. Clothing and Design	Department of Extension	Edmonton	Jan. 26 - Mar. 30	15	31
19. Law for the Layman	Department of Extension	Edmonton	Jan. 26 - Mar. 30	15	52
20. Music Appreciation I	Department of Extension	Edmonton	Jan. 27 - Mar. 31	15	32
21. World Affairs	Department of Extension	Edmonton	Jan. 27 - Mar. 31	15	19
22. Legal—Administrative Problems in the Oil Industry	Department of Extension	Edmonton	Jan. 28 - Apr. 1	15	67
23. Effective Writing	Department of Extension	Edmonton	Jan. 28 - Apr. 1	15	57
24. Landscaping the Small Lot	Department of Extension	Edmonton	Jan. 28 - Apr. 1	15	42
25. Conversational French—Section I	Department of Extension	Edmonton	Jan. 29 - Apr. 2	15	13
26. Conversational French—Section II	Department of Extension	Edmonton	Feb. 2 - Apr. 2	15	14
27. Effective Reading	Department of Extension	Calgary	Feb. 1 - Apr. 5	15	61
28. Law for the Layman	Department of Extension	Calgary	Feb. 1 - Apr. 5	15	51
29. Effective Writing	Department of Extension	Calgary	Feb. 2 - Apr. 6	15	34
30. Income Tax Problems in Business	Department of Extension	Calgary	Feb. 2 - Apr. 6	15	28
31. Real Estate Principles & Practice	Dept. of Extension and Alberta Real Estate Association	Calgary	Nov. 17 - Mar. 30	34	173
32. Real Estate Principles & Practice	Dept. of Extension and Alberta Real Estate Association	Edmonton	Nov. 18 - Mar. 31	34	172
33. Real Estate Principles & Practice	Dept. of Extension and Alberta Real Estate Association	Lethbridge	Nov. 16 - Mar. 31	34	46

34. History 10	Department of Extension	Edmonton	Oct. 6 - Apr. 9	75	28
35. Education 576	Dept. of Extension and Society of Industrial and Cost Accountants	Edmonton	Oct. 6 - Apr. 9	75	15
36. Accounting I	Department of Extension	Edmonton	Oct. 6 - Apr. 9	75	27
37. History 58	Department of Extension	Edmonton	Oct. 6 - Apr. 9	75	27
38. Mathematics 42-5	Department of Extension	Edmonton	Oct. 6 - Apr. 9	75	15
39. Education 326	Dept. of Extension and Society of Industrial and Cost Accountants	Calgary	Oct. 6 - Apr. 9	75	17
40. Accounting I	Department of Extension	Calgary	Oct. 6 - Apr. 9	75	12
41. Household Economics II	Department of Extension	Lethbridge	Oct. 6 - Apr. 9	75	18
42. History 10	Department of Extension	Lethbridge	Oct. 6 - Apr. 9	75	15
43. Community Art Classes	Medicine Hat Art Club	Medicine Hat	Oct. 23 - Mar. 27	48	65
44. Community Art Classes	Lethbridge Sketch Club	Lethbridge	Oct. 29 - Mar. 12	72	59
45. Community Art Classes	Brooks Sketch Club	Brooks	Oct. 22 - Mar. 5	12	10
46. Community Art Classes	Red Deer Art Club	Red Deer	Oct. 16 - Mar. 10	80	35
47. Community Art Classes	High River Sketch Club	High River	Oct. 31 - Mar. 13	36	25
48. Community Art Classes	Lacombe Art Club	Lacombe	Nov. 10 - Mar. 30	22	15
49. Community Art Classes	Wetaskiwin Art Club	Wetaskiwin	Dec. 15 - Apr. 6	16	15
50. Community Art Classes	Camrose Art Club	Camrose	Feb. 5 - Apr. 9	12	15
51. Community Art Classes	Lloydminster Art Club	Lloydminster	Oct. 23 - Mar. 6	60	30
52. Community Art Classes	Department of Extension	Dawson Creek	May 25 - Jun. 10	25	25
53. Children's Art Classes—Junior	Department of Extension	Edmonton	Oct. 23 - Mar. 26	24	24
54. Children's Art Classes—Senior	Department of Extension	Edmonton	Oct. 24 - Mar. 27	15	15
55. Refresher Course in Therapeutics	Alberta Chiropractic Association	Edmonton	Mar. 29 - 30	11	21
56. Actor's Workshop—Senior	Studio Theatre	Edmonton	Oct. 26 - Apr. 10	80	16
57. Actor's Workshop—Advanced	Can. Federation of Business and Professional Women's Club	Medicine Hat	Nov. 7 - Feb. 13	25	29
58. Public Speaking & Chairmanship	Department of Extension	Lethbridge	Feb. 3 - Apr. 7	110	44
59. Music Appreciation	Society of Industrial and Cost Accountants of Alberta	Calgary	Oct. 6 - Mar. 16	40	41
60. Accounting II	Society of Industrial and Cost Accountants of Alberta	Calgary	Oct. 5 - Mar. 17	40	14
61. Accounting I	Society of Industrial and Cost Accountants of Alberta	Calgary	Oct. 8 - Mar. 18	40	31
62. Advanced Cost Accounting	Society of Industrial and Cost Accountants of Alberta	Calgary	Oct. 9 - Mar. 19	40	20
63. Business Mathematics	Society of Industrial and Cost Accountants of Alberta	Edmonton	Oct. 6 - Mar. 16	40	18
64. Advanced Cost Accounting	Society of Industrial and Cost Accountants of Alberta	Edmonton	Oct. 8 - Mar. 18	40	21
65. Business Mathematics	Society of Industrial and Cost Accountants of Alberta	Edmonton	Oct. 9 - Mar. 19	40	134
66. Accounting II	Society of Industrial and Cost Accountants of Alberta	Banff	Apr. 9 - 10	14	27
67. Oilwell Safety Clinic	C.P.A., C.A.O.D.C., Workmen's Compensation Board & Dept of Extension	Edmonton	Apr. 13 - 17	35	
68. Soil Mechanics	Faculty of Engineering	Edmonton			

Table II—Continued

Course, Class, Conference	Sponsor	Place	Period	Hours' Duration	Attendance
69. Ninth Sanitary Inspection Refresher Course	Department of Extension	Edmonton	Apr. 20 - 24	40	25
70. Fifteenth Annual Municipal Administration	Alberta Public Health, Faculty of Agriculture, Department of Extension	Banff	May 19 - 21	17	75
71. School Administration	Alberta Association of M.D. Secretaries, Treasurers, Department of Extension	Edmonton	June 8 - 11	20	68
72. 35th Annual Farm Young People's Week	Alberta School Trustees Ass'n., Alberta S.D. Secretary-Treasurers Ass'n., Dept. of Education & Department of Extension	Edmonton	June 9 - 17	64	148
73. Community Life Conference	Education, Faculty of Agriculture, School of Household Economics, School of Nursing & Department of Extension	Beaverlodge	June 6 - 9	27	30
74. Community Life Conference	Local Community Organization & Dept. of Extension	Fairview	June 9 - 12	27	20
75. Leadership Workshop	Local Community Organization & Dept. of Extension	Sylvan Lake	July 23	6	22
76. Wire Rope Drilling School	F.W.U.A. Dist. and Dept. of Extension	Calgary	Sept. 15	3	52
77. Oil Computers School	Imperial Oil Limited	Edmonton	Sept. 21 - 25	30	11
78. A.C.W.A. Leadership Workshop	A.C.W.A.	Edmonton	Sept. 30	5	50
79. 4th Annual Leadership Course	F.U.A., A.W.P., U.G.G., U.F.A., Dept. of Extension	Edmonton	Oct. 26 - Nov. 7	110	42
80. Leadership Workshop	F.U.A.	Sangudo	Nov. 14	7	52
81. Leadership Workshop	F.U.A.	Clyde	Nov. 21	7	48
82. Leadership Workshop	F.U.A.	Vermilion	Nov. 28	7	70
83. Beginner's Writing Course	Canadian Authors' Ass'n (Edmonton Branch)	Edmonton	Nov. 19 - Feb. 20	24	30
84. Underwriters Life Insurance Marketing Course	Northern Alberta Life Underwriter's Association and the Dept. of Extension	Edmonton	Jan. 4 - 8	30	71
85. Committee Workshop	Drumheller Agricultural Society	Drumheller	Feb. 17 - 18	12	22
86. Committee Workshop	High River F.U.A. District	High River	Feb. 23 - 24	12	30
87. Nursing Institute	School of Nursing, Department of Health	Edmonton	Mar. 15 - 19	30	58
88. Driver Training Instructor's School	School of Nursing, Department of Health	Calgary	Mar. 22 - 26	30	47
89. Wire Rope Drilling Line School	P.I.T.S., A.M.A.	Edmonton	Sept. 24 - 25	10	17
90. Wire Drilling Line School	P.I.T.S., Shell Oil Company	Radville Sask.	Oct. 7 - ...	3	24
91. Wire Drilling Line School	P.I.T.S.	Edmonton	Oct. 14	3	34
92. Wire Drilling Line School	P.I.T.S.	Edmonton	Oct. 28	3	44
93. Wire Drilling Line School	P.I.T.S., Canadian Gulf Oil	Stettler	Nov. 26 - 27	3	93
94. Drilling Management Training	P.I.T.S., C.A.O.D.C.	Calgary	Mar. 8, 9, 10, 22, 23, 24	35	23
95. Oilfield Cost Accounting	P.I.T.S., C.P.A.	Calgary	Mar. 11, 12, 13, 25, 26, 27	30	49

96. Drilling Management Training	P.I.T.S., C.A.O.D.C.	Edmonton	Mar. 15, 16, 17, 29, 30, 31	35	15
97. Oilfield Cost Accounting	P.I.T.S., C.P.A.	Edmonton	Mar. 18, 19, 20, Apr. 1, 2, 3	30	17
98. Oilfield Safety Clinic	P.I.T.S., W.C.B., C.A.O.D.C.	Stettler	May 30	3	31
99. Oilfield Safety Clinic	P.I.T.S., W.C.B., C.A.O.D.C.	Drumheller	Aug. 4	3	72
100. Choral Leadership	Dept. of Fine Arts & Dept. of Extension	Tofield	Feb. 22 - Apr. 12		22
101. Teachers Refresher Course	Department of Extension	Calgary	Jan. 4 - Apr. 14		20
102. Sculpturing Course	Department of Extension	Edmonton	Oct. 25 - Mar. 26		9
103. Banff School of Fine Arts Summer Session	Banff School of Fine Arts	Banff	Jun. 21 - Sept. 11		535
104. Summer Short Course in Painting	Banff School of Fine Arts	Banff	Jun. 22 - Jul. 4		32
105. Autumn Short Course in Painting	Banff School of Fine Arts	Banff	Aug. 17 - Sept. 12		15
106. Banff School of Advanced Management	Universities of Alberta, British Columbia, Manitoba & Saskatchewan	Banff	Feb. 1 - Mar. 13		69
107. Short Course in Executive Development	Dept. of Extension, Society of Industrial and Cost Accountants of Alberta	Banff	Mar. 22 - Apr. 3		26
108. Short Course in Leadership Techniques	Department of Extension	Banff	Oct. 25 - Nov. 7	80	45
109. English Usage for Articling Chartered Accountant Students	Department of Extension and Alberta Institute of Chartered Accountants	Edmonton	Oct. 10 - Nov. 28	24	79
110. S.M.G. Little Theatre Drama Workshop	Department of Extension	Sanguo Mayerthorpe Greencourt	Oct. 14 - Nov. 20	75	78
111. Coaldale Little Theatre Drama Workshop	Department of Extension	Coaldale	Nov. 3 - 5	14	26
112. Drama Workshop	Department of Extension	Camrose	Jan. 4 - Feb. 22	24	14
113. Drama Workshop	Department of Extension	Olds	Jan. 5 - Feb. 23	19	26
114. Drama Workshop	Department of Extension	Parkland	Feb. 3 - 5	10	44
115. Drama Workshop	Department of Extension	Queenstown	Feb. 11 - 13	19	19
116. Drama Workshop	Department of Extension	Cardston	Feb. 24 - 26	18	88
					4,960

LIBRARY STATISTICS

Books:	1953-54	1952-53	Difference
By Mail	41,732	42,047	—315
Banff School	6,419	7,104	—685
Periodicals and Pamphlets	3,472	2,195	1,277
Plays	1,817	1,321	496
	53,440	52,667	773

Open Shelf Books in Special Libraries	13,510	11,305	2,205
Volumes in Regular Libraries	3,640	5,565	—1,925
	17,150	16,870	280
Special Libraries sent out	386	323	63
Regular Libraries sent out	104	159	—55

(Figures sent in by custodians)			
Special Libraries	26,114	24,856	1,258
Regular Libraries	4,304	6,261	—1,957
	<u>30,418</u>	<u>31,117</u>	<u>—699</u>

Books at April 1, 1953	34,484
Accessions: By purchase, 2,698; Gifts, 47; Total	2,745
Withdrawn	570
Net Increase	2,175
Books at April 1, 1954	36,659
Periodicals received	140
Pamphlets and clippings at April 1, 1954	5,828

Open Shelf: 5,833 postal accounts, some of which represent families.
Travelling Libraries: 268 groups, including schools, communities,
association libraries, church groups, camps, clubs and associations.

Books catalogued and prepared for circulation:	Adult	1,716
	Juvenile	1,029
Catalogue cards made: 9,769	Overdue notices sent: 1,632	
Books repaired at bindery: 232	Books reserves taken: 5,563	
Books repaired at library: 4,268	Library catalogues sold: 726	

TABLE IV.

Statistical Information, Division of Visual Instruction

Number of moving picture films in library:	Titles	Reels
Silent, 8 mm. and 16 mm.	488	533
Canadian Film Institute	17	30
National Film Board	731	1,171
Sponsored Films	195	331
Sound Films, general	1,380	1,888
Total films in library	2,811	3,953
Number of new films added to the library during the year (included in the above)	159	259
Number of filmstrips in library	1,940	.....
Number of sets of 2x2 slides in library	192	.....
Number of sets of old standard slides in library	425	.....

Circulation Figures

	1953-4	1952-3	Comparison
Orders received for standard slides	14	19	-5
Number of sets of standard slides sent out	24	25	-1
Orders for 2x2 slides received	139	239	-100
Number of 2x2 slides sent out (sets)	229	353	-124
Number of times slides used	188	299	-111
Total audience viewing slides	6,850	11,456	-4,606
Sets of filmstrips sent out	1,977	1,848	+129
Individual filmstrips sent out	4,255	3,760	+495
Number of times filmstrips were shown	2,752	2,342	+410
Total audiences viewing filmstrips	98,160	89,314	+8,846
Sets of silent films sent out	267	228	+39
Number of reels of silent films sent out	1,009	861	+148
Sets of sound films sent out	4,745	4,303	+442
Number of reels of sound film sent out	20,205	18,340	+1,865
Total sets of moving picture films sent out	5,012	4,531	+481
Total number of reels of moving pictures sent out	21,214	19,201	+2,013
Total number of showings of films sound and silent	6,618	5,812	+806
Total audiences viewing films	475,193	474,663	+530
Number of times projection service supplied	372	336	+36
Number of screenings for groups in screening room	41	69	-28
Total number of screenings	413	405	+8

TABLE V.

GENERAL STATISTICAL SURVEY

Lectures

University teaching staff	658	
Department of Extension staff	277	
	—	935
Aggregate attendance		71,027
No. of radio talks:		
Extension staff	38	
Regular Teaching staff	126	
	—	164
Conferences and short courses, Table II		4,960
Studio Theatre attendance		6,184
Feeders' Day attendance	700	
Breton Field Day	400	
Youngstown Field Day	100	
	—	1,200

Visual Instruction

Number of sets of standard slides sent out	24	
Number of 2x2 slides sent out	229	
Number of times slides were used	188	
Total audience viewing slides		6,850
Sets of filmstrips sent out	1,977	
Individual filmstrips sent out	4,255	
Number of times filmstrips were shown	2,752	
Total audiences viewing filmstrips		98,160
Sets of silent films sent out	267	
Sets of sound films sent out	4,745	
Number of reels of sound films sent out	20,205	
Total number of reels of moving picture films sent out ..	21,214	
Total sets of moving picture films sent*out	5,012	
Total number of showings of films, sound and silent	6,618	
Total audiences viewing films, sound and silent		475,193
Number of times projection services supplied	372	

Library and Debating Service

Number of travelling libraries in use	490	
Number of times sent out—		
Regular libraries	104	
Special libraries	386	
Recorded circulation		30,418

Open-Shelf Circulation

Books:		
Adults	40,855	
Juvenile	14,387	
Banff School	6,419	
Plays	1,817	
Periodicals and Pamphlets	3,472	
	—	66,950
Number of package libraries for debaters sent out		24

Study Group Material

Number of Citizens' Forum bulletins sent out	1,401
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New Canadian Plays

Number of copies of New Canadian Plays sold	460
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Publications

Press Bulletin, Seasonal Notes	10,000	
Press Bulletin, Feeders' Day Program	4,000	
		14,000
Agricultural Bulletins sent out during year	23,991	
Mimeos, circulars and other bulletins sent out	400	
		24,391
Total number of bulletins distributed since inception of service	586,037	
The New Trail, number sent out		12,560

RECAPITULATION

Total aggregate attendance at lectures, conferences, schools and short courses: filmstrips programs, slides, moving picture, Studio Theatre, field days	663,574
Total circulation of travelling library books, Open Shelf, package libraries for debaters, Citizens' Forum bulletins, New Canadian Plays	99,253
Total circulation of press bulletins, agricultural publications, The New Trail	50,951





ANNUAL REPORT

on

Extension Activities

for the year ending March 31, 1955



Arts Building, University of Alberta, Edmonton

Published by
Department of Extension, University of Alberta
Edmonton, June, 1955

ANNUAL REPORT

on

**Extension Activities of the University
of Alberta**

**for the Year ending March 31st
1955**

COMMITTEE ON UNIVERSITY EXTENSION

ANDREW STEWART, B.S.A., M.A., LL.D., President of the University,
Chairman

MR. F. P. GALBRAITH, representative of the Senate

MR. C. O. HICKS, representative of the Senate

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of Education

ARTHUR GILBERT McCALLA, B.Sc., M.Sc., Ph.D., Dean of the Faculty
of Agriculture

FLORA MacLENNAN MACLEOD, M.A., B.L.S., Extension Librarian

DONALD CAMERON, B.Sc., M.Sc., Director, Department of Extension

Annual Report on Extension Activities

of the

UNIVERSITY OF ALBERTA

for the year ending March 31, 1955

Edmonton, May 2, 1955

Dr. Andrew Stewart,
President, University of Alberta

Mr. President:

I have the honor to submit the forty-second annual report on extension activities of the University for the year ending March 31, 1955. This report covers a wide range of adult educational activities carried on by members of the faculty and other qualified people, both on the campus and at a large number of centres outside of Edmonton. All faculties and schools have played an important role in "taking the University to the people".

Some measure of the close relationship of the University to the community it serves can be gained from a glance at Table I. This shows that faculty members gave a total of 1,054 talks to a total of 74,729 people during the year. In addition, they gave 126 radio talks over local stations. Apart from regular teaching and research responsibilities, the time devoted to the preparation of extension bulletins and papers, to extension correspondence, preparation of radio talks and lectures, amounted to approximately 2,000 hours or the equivalent of 250 eight-hour days.

One hundred and forty-one short courses, classes and conferences, a substantial increase over the number offered last year, were held throughout the province. Attendance at these programs totalled 6,569. On the average, each class or course involved a minimum of forty hours of class time, although some were one hundred and eighty hours in length. The subject matter of the courses varied greatly, as a glance at Table II will show. Classes in the arts, leadership skills, philosophy, religion, languages, law, mathematics, history, geology, various aspects of business management, prospecting, technical problems of the oil industry, cooperation, and insurance were offered.

Courses in the University's Evening Division program of credit and non-credit classes were offered in Edmonton, Calgary, Lethbridge and Medicine Hat. Twelve hundred students were enrolled in seventeen credit and twenty-six non-credit classes at these centres.

Training for leadership is a growing and important part of the University's extension program. In cooperation with the farm organizations, cooperatives, organized labor, school and community organizations, the University has conducted a number of courses for adults and young

people at several points in the province. The observable results of these training programs are direct and encouraging.

The circulation of books from the Extension Library shows a satisfactory increase over last year. Open-shelf circulation for the year ending March 31 was 61,875, while 551 travelling libraries were sent out to 234 community groups. The book stock of the Library now stands at 39,000 exclusive of pamphlets and periodicals. As is pointed out in the more detailed report on the work of the Extension Library which follows, the aim of the library is "to bring the right books and people together", a challenging and difficult task. Mention, too, should be made of the Library's function of searching out information on a tremendous variety of subjects for individuals in the often-isolated communities it serves.

Film Library figures show a total circulation much the same as in the previous year. Twenty-one thousand reels of film were sent out this year to audiences totalling over half a million. Circulation of slides and filmstrips which are used chiefly as classroom aids was down somewhat over the previous year. Additions to the film stock and film subjects made available through the courtesy of the National Film Board has brought the number of subjects available from the shelves of the Library to 2,900.

The Petroleum Industry Training Service, which works closely with the government in the oil industry, has been responsible for training men in the technical phases of the industry and for carrying out safety programs for some of the smaller drilling companies. Fourteen training courses attended by 920 oilmen were held during the year.

In all respects, the year's program at the Banff School of Fine Arts and Centre for Continuing Education was a substantial success. The Summer Session in the Arts had an attendance of 448, of whom 39 were enrolled in University credit courses. Fifty different groups, both national and international, attended short courses, educational meetings and conferences at the school during the year. Of particular interest is the rapid growth and development of the Advanced Management Training program. Some three hundred executives and trainees attended the three major courses in this program.

Supplementing the training offered at the Summer Session in the Arts, the University's Extension Specialists in Art, Music and Drama accomplished a substantial training program in the smaller communities of the province. The thirty-five courses offered under their direction were attended by 950 students.

SHORT COURSES, CLASSES AND CONFERENCES

The aim of extension work generally is to bring together the intellectual and physical resources both of the University and the community in such a manner as to meet the needs of individuals in that community. Short courses, classes and conferences are perhaps the most satisfactory medium of combining expert leadership in the various fields with the interest and cooperation of the local organization.

The number of courses offered during the year under review was 141, with a total enrolment of 6,569. These were offered at 44 points in the province.

The Evening Division offerings of credit and non-credit classes were again well attended and the program extended to Medicine Hat and Lethbridge. The non-credit classes are designed with a view to introducing the subject and stimulating the student to go into it in more detail in his own time. Classroom aids—pamphlets, maps, charts and textbooks, etc.—are supplied and, in addition, the resources of the Extension Library are put at the disposal of the students. Religion, effective reading, law, Ukrainian literature, public speaking, music, English composition and literature, French, philosophy, gardening, chairmanship, geology, financial statement analysis and landscaping were among the subject fields introduced with the 1954-55 series. The credit classes offered have been of particular advantage to teachers in the province who are in the process of improving their professional qualifications and working towards degrees. In the three years the program has been in operation, the registration has grown from 166 to 391 students.

Table II indicates a considerable expansion in both the number and type of courses offered in the field of business. In cooperation with the Society of Registered Industrial Cost Accountants of Alberta, the Department has offered ten courses in Lethbridge, Calgary and Edmonton in accounting and allied subjects. The Real Estate Association of Alberta, through the University, has sponsored four courses in real estate methods while the Appraisal Institute of Canada, in cooperation with the Department, held a combination lecture series and intensive short course. Two hundred real estate salesmen and brokers attended the courses, of whom a number wrote the qualifying exam for the A.U.A. designation. Much credit is due each of these organizations for their forward-looking interest in education and training, and to the students who, in their spare time and often at considerable inconvenience, have completed their studies successfully.

Perhaps the most important of the short courses in terms of long-range results were those in the field of leadership training. The Farm Young People's Week, now in its thirty-seventh year, and the fifth annual Rural Leadership Course held in Banff have proved to be most successful. These carefully selected young men and women are put through an intensive and careful period of instruction which is concerned with the development of the community, organizations and how they function, and simple leadership skills such as public speaking, committee work and parliamentary procedure. A satisfactory number of these are going back to take an active part in the life of their own areas and in specific assignments which they have set up for themselves are developing themselves and at the same time making a contribution to their community.

AGRICULTURAL EXTENSION AND PUBLICATIONS

The agricultural extension work of the Department of Extension is confined mainly to the answering of hundreds of letters of general inquiry concerning agricultural problems, the provision of special lectures, participation in short courses and the distribution of bulletins.

The Faculty of Agriculture was host during the year to 600 persons at the Feeders' Day. Extremely unfavorable weather conditions caused a reduction in the attendance at Visitors' Day, with only 125 present. The Soil Field Day was cancelled.

Agricultural Publications

During the year, 1,059 requests for agricultural publications were received and dealt with and 470 inquiries for specific information were referred to other departments of the University.

The following bulletins were printed during the year:

Swine Production in Alberta	5,000
Cattle Finishing in Alberta	5,000
Selecting, Fitting and Showing Beef Cattle	10,000
The Propagation of Plants	5,000
Laying-House Plans	1,000
Dairy Cattle Barn Sheet	5,200

In the year under review, 44,766 bulletins, circulars and leaflets were distributed. Compared with the 1954 figure, 23,991, this shows a greatly increased demand for bulletins during the past year.

Press Bulletin

In the year covered by the report, 10,000 copies of press bulletin, 'Seasonal Notes', by the Department of Plant Science were sent out, as well as 5,000 copies of 'The Feeders' Day Program' by the Department of Animal Science.

The New Trail

During the year, 11,750 copies of The New Trail, the publication of the University's Alumni Association, were mailed.

Citizens' Forum

One thousand, one hundred and twenty copies of the study pamphlet accompanying C.B.C. broadcasts were distributed to 70 subscribers in 1954-55.

Radio Extension Work

In the year under review, staff members presented 193 broadcasts over CKUA. "Music Hour", "Great Literature", "The Bookshelf" and "I Don't Agree" were among the more popular broadcasts.

EXTENSION LIBRARY

In a library where readers never appear and where books, the other factor in the work, are necessarily silent, one might expect an atmosphere of considerable calm. The fact is, however, that readers come to life often very vividly in their letters, and the bringing together of books and readers is a very lively affair indeed. It is a matter for thankfulness

that so many people in these rather unbookish times still look to books for—to use the phrase of a seventeenth-century poet—“wisdom, piety, delight or use”.

“I am afraid that I look upon you people as a small child does a magician,” writes one of our readers, “able to produce even rabbits from his shiny black hat”, and another, “Thank you for sending so many truly wonderful books, and I am grateful to have had so many new ones.”

A clergyman writes, “May I say that I am delighted with the excellence of the service the Extension Library offers. To me it is wonderful that any man can get information on almost any subject so easily and so cheaply. I lose no opportunity to recommend the library to my people.”

John, aged seven, whose mother had written us that he wanted “fatter books”, sends a message that he particularly enjoyed the latest parcel, which included “Charlotte’s Web” and “Dr. Doolittle’s Puddleby Adventures”.

Although not everyone is invariably pleased with every book from the Open Shelf, the aim of the Library is to bring the right books and people together, which is a challenging and often quite difficult task. An increasing number of readers are borrowing books steadily. They send in long lists of titles they wish to read, and have more books sent automatically each time they return a parcel. This makes more work for the library staff but helps distribute the books, saves Library members from having to write so often and makes it possible for them to make reading a real part of their lives.





The Open Shelf supplies not only books but also, through its reference service, specific information on various subjects. This involves the use of various indexes to find periodical and pamphlet material as well as material in books. Since the beginning of the Jubilee Year there has been a particular demand for material on Alberta—from school children, club members, speakers and authors. The more usual requests have come in too—for material on citizenship, building log cabins, the United Nations, atomic energy, septic tanks, names for the baby—to name a few of the more frequent ones. This year a special reading list for Alberta Farm Forum members was drawn up for use with the weekly radio broadcasts.

Through the Travelling Libraries, books are sent to groups of various kinds. This year the Extension Library has supplied Home and School Association groups with libraries for their reading clubs; libraries have gone to air-force stations, to association public libraries, to I.O.D.E. and Women's Institute groups, to communities, to church groups, camps, co-operatives, to schools and to an Indian reservation. Special mention should be made of the exhibit now being prepared by the Alberta Division of the Community Planning Association of Canada with the co-operation of the Extension Department and the Cultural Activities Branch of the Department of Economic Affairs. A fine collection of books on community planning is being donated by the Association to the Extension Library and will be available to the Library's readers after the exhibit has toured the province. The Extension Library was fortunate

this year in receiving the books from the British Book Design Exhibit after they had been displayed by the British Council in western Canada. This interesting collection of 50 fine British books is a most valuable addition to the Library.

Besides the Library's direct work with readers through the Open Shelf and Travelling Libraries, an increasing amount of work is involved in supplying books for Extension non-degree evening courses and the various courses given through the year at the Banff School. During the summer session of the Banff School of Fine Arts a librarian from the Extension Library is regularly in charge. The Extension Librarian lectured at the Rural Leadership Course in Banff in November and led a discussion group during Farm Young People's Week. At the request of the Alberta Library Association, the Extension Librarian was again in charge of the short course for librarians of small libraries put on by the Extension Department and the Alberta Library Association. The Extension Librarian gave three talks on the Extension Department radio program and convened another University radio program, "The Bookshelf". A talk was given by the Librarian at the school Career Night in Wetaskiwin and one by a staff member to a women's group at Horse Hill.

The appointment in September, 1954, of a Supervisor of Public Libraries by the Cultural Activities Branch of the provincial Department of Economic Affairs is of great interest to the Extension Library, since the supervisor's work will be concerned to a large extent with the improvement of public library service in rural Alberta. It is hoped that through cooperation with the supervisor the Extension Library may be able to make its own further contribution to this important work.

VISUAL INSTRUCTION DIVISION

Documentary and educational motion pictures and other visual aids continue to play a significant role in both informal and formal educational activities throughout the province. A high quality of services and technical facilities has been maintained consistently.

Despite the increase of other sources of films within the province during the past year, the demand for the services of the Visual Instruction Division have continued undiminished. A considerable amount of free film service has been provided for city schools and hospitals, as well as for national parks and provincial institutions. The use of standard slides has declined to the point where their circulation figure is included with the 2"x2" slides, whereas the circulation figures for the distribution of visual aids provided by the Division as a whole have not changed significantly. It should be noted that the total audience for both filmstrips and motion picture shows has increased, which may indicate an increased interest on the part of those groups already using visual aids.

The process of removing obsolete prints from the library and the replacing of worn-out subjects has been continued and should soon result in an appreciable improvement in the physical quality of materials sent out. In addition to the still and motion picture material provided, the Division



has explored the continental sources of specialized films and general audience materials not normally available. The National Film Board continues to provide its films and materials on indefinite loan and the number of sponsored films is increasing constantly.

The quality of service by members of the staff and the ease of handling the equipment and materials has been considerably improved since the Division moved to its new quarters last fall.

PETROLEUM TRAINING DIVISION

The Petroleum Industry Training Service, sponsored by the provincial government, the Canadian Petroleum Association and the Canadian Association of Oilwell Drilling Contractors, is responsible for taking technical training to men in the oilfields and carrying out safety programs for some of the smaller drilling companies. During the year, 920 oilmen attended 14 training courses held in Alberta, Saskatchewan and Manitoba.

The safety program has taken the staff to many points of the province, including the three oilwell fires that had occurred this year. These fires have been photographed in color and a 20-minute training film on blowout prevention will soon be completed. The safety program has been successful in encouraging new companies to seek the benefit of the program. The safety representative is concentrating on supervisory training with the belief that a good foreman is the best security for safe operations. The cooperation of the industry in holding both technical and safety classes has been most satisfactory.

FINE ARTS

From the point of view of development and encouragement of the arts in the province, the past year has been most productive. The extension specialists in music, painting and drama are to be commended on the high calibre of their work and the imagination shown in their approach.

Art

Six hundred students have received instruction in the Community Art classes organized under the leadership of the extension specialist in art, Harry Wohlfarth. Instruction centres range from Medicine Hat and Lethbridge in the south of the province to Manville and Lloydminster and several new centres, including Rocky Mountain House, Castor, Drumheller and Vulcan were served this year. The typical lecture program consisted of talks on art and history, color science and techniques, supplemented by films. Closing exhibitions at each of the centres have been fresh and original in content, showing excellent progress over the year.

Music

One of the best known of the University's organizations is the Mixed Chorus under the direction of Associate Professor R. S. Eaton. The annual tour of this group of singers is always very well received and is one of the best of the University's public relations media. The University Symphony Orchestra under Assistant Professor A. B. Crighton provided an excellent opportunity for student musicians and this year provided several excellent concerts.

G. K. Greene, who joins the staff on a full-time basis next year, initiated a program of classes in choral leadership and music appreciation at several rural points, including Tofield and Alix. Special help and advice with problems in the field has accounted for a good deal of time in correspondence.

Drama

Outstanding progress has been made in this field during the last few years and evidence of the results of this service is apparent in the high quality of productions at various points in the province. During the past year the extension specialist in drama met with and helped groups in 37 centres. In ten of these, Workshops were held with a total attendance of 332. A total of 64 plays were given personal assistance during the year.

Miss Nelson has given a good deal of time to the Alberta Drama League in her capacity of corresponding secretary and has been active in the Alberta Regional Festival, which played to an audience of 4,200 in Convocation Hall.

BANFF SCHOOL OF FINE ARTS

The twenty-second annual summer session of the Banff School of Fine Arts was held between June 21 and September 11. The twelve-week period was especially notable for its wide selection of courses

offered and the high standard of student productions. Four hundred and forty-eight students were enrolled in 38 classes.

The talent and experience of the instructors in ballet, Miss Gweneth Lloyd, the founder and director of the Winnipeg Ballet, and Miss Eva von Gencsy, were evident in the work accomplished by the Ballet Division. This division has grown steadily each year and, in addition to junior and senior courses in the technique of classical ballet, has offered rhythemics, a course in body expression, and, as well, special instruction for children.

The Music Division, under the expert leadership of Gordon Stanley of the Juilliard School, Dr. Ernesto Vinci of the Royal Conservatory of Music, Clayton Hare, Dorothy Swetnam and Eileen Higgin of Calgary, and A. B. Crighton of the University of Alberta, was responsible for maintaining a high standard of class work among the students. The calibre of student performances, which this year included "Carmen", "Hansel and Gretel" and "Hiawatha's Wedding Feast", was exceptional. It should be noted that, in addition to these productions, students have had ample opportunity to attain skill and confidence through formal and informal recitals.

Staff members in the Painting Division included H. G. Glyde, A.R.C.A., R.C.A.; W. J. Phillips, R.C.A.; M. W. MacDonald, A.S.A.; Henri Masson, Harry Wohlfarth, Charles Stegeman, Francois Andre and J. B. Taylor. The culminating exhibition was of excellent standard, demonstrating a variety in technique and subject.

The Drama Division, in addition to its over-all responsibility for the operas, produced a group of three one-act plays and a major production, "Goodbye, My Fancy". Both of these performances were very well received. Special mention should be made of the excellent work done in the stagecraft classes under Vern Adix.

An event of particular interest not only to Albertans but also to visitors from across the continent is the School's traditional Festival Week. The School is in a very real sense the showcase of the University during this week of performances. The standard of the contributions from all divisions, students and staff alike, is one to be envied.

MANAGEMENT TRAINING DIVISION

The demand of Canadian business for well-trained executives is evidenced in the rapidly growing support of the school's Management Training program. During the year three important elements of this program were the fourth annual School of Advanced Management, the Western Canada Conference on Financial Management and Petroleum Accounting and the second Short Course in Executive Development.

The course in Advanced Management, a six-week intensive training period, was held between January 31 and March 12, 1955. Sponsored by the four western universities and vigorously supported by a wide range of business firms, the course is now organized on a permanent basis with suitable administrative machinery. As in the past, applications to attend

the School are invited from both business and government across Canada and in the United States. Attendance this year was 68; during the special Business Men's Weekend, February 25-27, the school was host to 168 interested business men who participated in a conference on general business problems. The program consisted of lectures and discussions, using the case method, in the broad fields of administration, business functions, industrial relations and the Canadian economy. Specific subjects included administrative action, business research and communication, marketing, financing enterprise, human relationships in industry, public and labor relations.

The School of Advanced Management has been fortunate in assembling an instructional team of the highest calibre. Staff members have been drawn from among business consulting firms, industry, University schools of business and government. Much credit is due to Professor E. D. MacPhee and Dr. T. H. McLeod, who are members of the school's Executive and Academic Council; R. A. Mahoney, course coordinator; Dr. Dwight Palmer, Professor Hugh Wilkinson, John J. Deutsch, Professor B. A. Lindberg, Dr. H. A. Burd, Dr. D. G. Heneman, Jr., Thomas Chambers, C.A., and R. Murray Brink, O.B.E.

The second annual Short Course in Executive Development, arranged in cooperation with the Society of Industrial and Cost Accountants of Alberta, was held from March 21 to April 2, 1955. Its purpose, which was similar to the above, emphasized management controls, including accounting and human relations studies. Lecture, seminar and cases were used in combination. Members of the staff included S. G. Hennessey, C.A., Associate Professor of Business Administration at the University of Toronto; G. M. Blackstock, Q.C., former chairman of the Alberta Public Utilities Board, and Professor Robert A. Sutermeister of the College of Business Administration, University of Washington at Seattle.

The Western Canada Conference on Financial Management and Petroleum Accounting was arranged by the University in cooperation with the Petroleum Accountants' Society of Western Canada. The purpose of the conference was to provide the latest and most authoritative information available on unitization, income tax structure, evaluation of oil and gas properties, financial analysis and reporting. Seventy-five executives of the petroleum and allied industries and government officials attended the conference, which was held May 12, 13, 14, 1954. Discussion was under the leadership of a panel of consultants: C. H. Keplinger and J. M. Wanenmacher, consulting engineers, of Oklahoma; G. M. Blackstock, Q.C.; R. E. Waller and F. M. Budik of the Calgary and New York offices of Price-Waterhouse Ltd., E. G. Trostel, economic consultant, Dallas, Texas, and W. R. Taprell of Carlile and McCarthy Ltd.

STAFF

It is a pleasure to record again the effective and valuable contributions made by all members of the University staff in extension activities both on the campus and at widely separated points in the province. Their help, together with the enthusiastic support of the Dominion and

Provincial governments, business, labor and farm organizations and many small community groups, have determined the success of the year's program.

R. W. Nablo, a graduate of the University of Toronto, joined the staff during the year as Supervisor of Visual Instruction. G. Kay Greene and Harry Wohlfarth have accepted appointments as Extension Specialists in Music and Art.

CONCLUSION

There has never been a time when education, particularly continuing education, has been presented with greater challenge or more problems. In the field of continuing education, the University has a vital role to fill. Essentially, the work of adult education must coordinate the efforts of the individual, the community of which he is a member, business, government and other agencies. University extension may, in fact, be considered as the catalyst in the community process of growth and development. And while the University thus serves the community, it is also served by the community, from which, in the last analysis, it draws its strength.

It is with some satisfaction that this report can record the close association and vigorous participation of the University in the life of the province.

Respectfully submitted,

DONALD CAMERON, Director.

APPENDIX

Table I—University Extension Activities during the year 1954-55

Faculty or Department	Ext. Lects.		Radio Talks		Ext. Corr.		Extension Interviews		No. of Radio Talks Given		No. of Lectures Given		Total Attendance at Lectures	
	54-55	53-54	54-55	53-54	54-55	53-54	54-55	53-54	54-55	53-54	54-55	53-54	54-55	53-54
Arts and Science, including School of Household Economics	223	167	46	52	60	159	58	140	35	66	278	253	9,841	12,978
Faculty of Engineering	27	3	3	3	12	9	12	15	...	1	35	2	1,151	410
Faculty of Medicine, including School of Nursing	40	70	4	3	2	97	4	79	3	4	32	95	3,571	4,754
School of Pharmacy	48	...	2	...	58	...	53	...	1	...	48	...	1,685	...
Faculty of Agriculture	218	160	16	17	480	500	377	265	27	29	125	118	22,351	21,797
Faculty of Education	131	192	34	29	56	103	64	70	32	24	161	178	12,998	15,515
Faculty of Dentistry	27	18	3	...	1	...	...	2	...	...	12	6	1,430	705
Faculty of Law	25	10	...	1	...	...	...	...	...	1	2	5	245	735
Department of Extension, including Extension Library	21	14	7	1	26	13	22	9	26	38	344	277	20,050	23,205
School of Physical Education	760	634	115	106	694	882	590	580	126	164	1,054	941	1,407	815
													74,729	80,914

Table II—Short Courses, Classes and Conferences Arranged and Organized by the Department of Extension

Short Course, Class or Conference Literature	Sponsor	Where Held	Period	Hours	Attendance
1. Introduction to New Testament Literature	Department of Extension	Edmonton	Oct. 18-Dec. 20	15	18
2. Effective Reading	Department of Extension	Edmonton	Oct. 12-Dec. 14	15	48
3. Law for the Layman	Department of Extension	Edmonton	Oct. 12-Dec. 14	15	41
4. Ukrainian Literature of the Twentieth Century	Department of Extension	Edmonton	Oct. 13-Dec. 15	15	20
5. Public Speaking	Department of Extension	Edmonton	Oct. 13-Dec. 15	15	39
6. An Approach to Music I	Department of Extension	Edmonton	Oct. 13-Dec. 15	15	32
7. English Composition	Department of Extension	Edmonton	Oct. 13-Dec. 16	15	45
8. Problem Areas of the World	Department of Extension	Edmonton	Oct. 14-Dec. 16	15	25
9. Conversational French I	Department of Extension	Edmonton	Oct. 15-Dec. 17	15	34
10. Conversational French II	Department of Extension	Edmonton	Jan. 29-Apr. 2	15	28
11. Petroleum Law	Department of Extension	Edmonton	Oct. 15-Dec. 17	15	42
12. Moral Philosophy	Department of Extension	Edmonton	Jan. 24-Mar. 28	15	46
13. Home Gardening	Department of Extension	Edmonton	Jan. 24-Mar. 28	15	48
14. Modern English Novel	Department of Extension	Edmonton	Jan. 25-Mar. 29	15	23
15. The Hebraic Heritage	Department of Extension	Edmonton	Jan. 24-Mar. 28	15	59
16. Comparative Religion	Department of Extension	Edmonton	Jan. 26-Mar. 30	15	37
17. Effective Chairmanship	Department of Extension	Edmonton	Jan. 26-Mar. 30	15	25
18. An Approach to Music II	Department of Extension	Edmonton	Jan. 26-Mar. 30	15	16
19. An Introduction to Petroleum Geology	Department of Extension	Edmonton	Jan. 27-Mar. 31	15	46
20. English Composition II	Department of Extension	Edmonton	Jan. 27-Mar. 31	15	27
21. Legal-Administrative Problems in the Oil Industry	Department of Extension	Edmonton	Jan. 28-Apr. 1	15	26
22. Financial Statement Analysis	Department of Extension	Calgary	Feb. 2-Apr. 6	15	45
23. Landscaping the Small Lot	Department of Extension	Calgary	Feb. 2-Apr. 6	15	75
24. Conversational French	Department of Extension	Calgary	Feb. 3-Apr. 7	15	38
25. Landscaping the Small Lot	Department of Extension and Medicine Hat Horticultural Society	Medicine Hat	Feb. 4-Apr. 8	15	23
26. Public Speaking and Chairmanship	Department of Extension	Medicine Hat	Feb. 5-Apr. 9	15	27
27. English 2	Department of Extension	Edmonton	Oct. 4-Apr. 16	80	28
28. Mathematics 43	Department of Extension	Edmonton	Oct. 4-Apr. 16	80	31
29. Economics 1	Department of Extension	Edmonton	Oct. 4-Apr. 16	80	15
30. Philosophy 51	Department of Extension	Edmonton	Oct. 4-Apr. 16	80	44
31. History 65	Department of Extension	Edmonton	Oct. 4-Apr. 16	80	38
32. Education 338	Department of Extension	Edmonton	Oct. 4-Apr. 16	80	17
33. Education 478	Department of Extension	Edmonton	Oct. 4-Apr. 16	80	6
34. Education 564	Department of Extension	Edmonton	Oct. 4-Apr. 16	80	10
35. Chemistry 40	Department of Extension	Calgary	Oct. 4-Apr. 16	80	32
36. Education 308	Department of Extension	Calgary	Oct. 4-Apr. 16	80	17
37. English 2	Department of Extension	Lethbridge	Oct. 4-Apr. 16	80	21
38. History 58	Department of Extension	Lethbridge	Oct. 4-Apr. 16	80	21

39. History 58	Department of Extension	Medicine Hat	Oct. 4-Apr. 16	80	22
40. Accounting I	Society of Industrial and Cost Accountants of Alberta and University of Alberta	Calgary	Oct. 4-Apr. 16	80	22
41. Accounting I	Society of Ind. and Cost Accountants of Alta.	Calgary	Oct. 4-Apr. 16	80	37
42. Accounting II	Society of Ind. and Cost Accountants of Alta.	Calgary	Oct. 4-Apr. 16	40	27
43. Industrial Organization and Management	Society of Ind. and Cost Accountants of Alta.	Calgary	Oct. 4-Apr. 16	40	18
44. Fundamentals of Cost	Society of Ind. and Cost Accountants of Alta.	Calgary	Oct. 4-Apr. 16	40	25
45. Business Mathematics	Society of Ind. and Cost Accountants of Alta.	Calgary	Oct. 4-Apr. 16	40	35
46. Accounting I	Society of Ind. and Cost Accountants of Alta.	Edmonton	Oct. 4-Apr. 16	80	34
47. Industrial Organization and Management	Society of Ind. and Cost Accountants of Alta.	Edmonton	Oct. 4-Apr. 16	40	28
48. Business Mathematics	Society of Ind. and Cost Accountants of Alta.	Edmonton	Oct. 4-Apr. 16	40	18
49. Fundamentals of Cost	Society of Ind. and Cost Accountants of Alta.	Edmonton	Oct. 4-Apr. 16	40	19
50. Accounting I	Society of Ind. and Cost Accountants of Alta.	Lethbridge	Oct. 4-Apr. 16	80	13
51. Real Estate Principles and Practice—First Year	Department of Extension and Alberta Real Estate Association	Edmonton	Dec. 1-Mar. 9	24	15
52. Real Estate Principles and Practice—First Year	Department of Extension and Alberta Real Estate Association	Calgary	Nov. 30-Mar. 8	24	32
53. Real Estate Principles and Practice—Second Year	Department of Extension and Alberta Real Estate Association	Edmonton	Dec. 1-Feb. 23	20	30
54. Real Estate Principles and Practice—Second Year	Department of Extension and Alberta Real Estate Association	Calgary	Nov. 30-Mar. 1	20	72
55. The Appraisal of Real Estate	Department of Extension and Appraisal Institute of Canada, Edmonton Chapter	Edmonton	Nov. 29-Mar. 21	46	60
56. Prospecting	Department of Extension and Alberta and North West Chamber of Mines and C.I.M.M.	Edmonton	Jan. 11-Feb. 24	28	110
57. Master Class in Piano	Department of Extension	Edmonton	Feb. 23-Feb. 25	8	40
58. Personnel Selection and Placement	Calgary Personnel Association	Calgary	Feb. 10-Mar. 17	12	40
59. Short Course in Leadership Techniques	The Alberta Wheat Pool, Alberta Cooperative Union, Dept. of Agriculture, Alberta Federation of Agriculture, Farmers' Union of Alberta, U.F. Coop., U.G.G.	Banff	Oct. 31-Nov. 12	83	35
60. Leadership Workshop	F.U.A., C.A.O.D.C.	Crossfield	Apr. 2	7	38
61. Oilwell Safety Clinic	Dept. of Municipal Affairs, Alberta Assn. of M.D. Secretaries-Treasurers	Banff	May 6-May 7	16	90
62. Municipal Administration	Alberta School Trustees' Assn., Dept. of Education and Alberta Divisional Secretaries-Treasurers' Association	Banff	May 25-May 27	15	75
63. School Administration	Treasury's Association	Banff	June 7-June 10	18	70
64. Farm Young People's Week	Faculty of Agriculture and School of Household Economics	Edmonton	June 8-June 16	50	135
65. Community Life Conference	Community Organizations	Beaverlodge	July 5-July 8	20	250
66. Pyrotechnics Course	Workmen's Compensation Board	Edmonton	Aug. 25	18	350
67. Alcohol Studies	Alcoholism Foundation of Alberta	Edmonton	Aug. 30-Sep. 2	30	140
68. Supervisory and Management Training	Department of Extension	Banff	Nov. 7-Nov. 20	14	140

Table II—continued

Short Course, Class or Conference	Sponsor	Where Held	Period	Hours	Attend- ance
69. Ward Management	School of Nursing	Edmonton	Nov. 9-Dec. 14	12	140
70. Seminar in Advanced Labor Education	Trades and Labor Congress of Canada, Alberta Federation of Extension	Banff	Nov. 14-Nov. 27		60
71. Speech Training for Nurses	Department of Extension	Edmonton	Oct. 14-Dec. 18	25	26
72. Becoming a Writer	Canadian Authors' Association	Edmonton	Nov. 18-Feb. 11	20	18
73. Writers' Seminar	Canadian Authors' Association	Edmonton	Nov. 18-Feb. 11	20	25
74. Leadership Workshop	F.U.A.	Lethbridge	Dec. 15	6	35
75. Leadership Workshop	F.U.A.	Millet	Jan. 26	6	35
76. Leadership Workshop	F.U.A.	Lacombe	Feb. 5	6	50
77. Leadership Workshop	Department of Agriculture	Vegreville	Mar. 24	6	50
78. Cooperators' Workshop	The Alberta Coop. Union	Rycroft	Mar. 16-Mar. 17	15	20
79. Cooperators' Workshop	The Alberta Coop. Union	McLennan	Mar. 14-Mar. 15	15	30
80. Cooperators' Workshop	The Alberta Coop. Union	Sangudo	Mar. 23-Nov. 24	14	23
81. Cooperators' Workshop	The Alberta Coop. Union	Thorhild	Dec. 2-Dec. 3	14	27
82. Cooperators' Workshop	The Alberta Coop. Union	Westlock	Nov. 23-Nov. 26	14	13
83. Committee Members' Workshop	Department of Agriculture and Local Community Organization	Cochrane	Feb. 10-Feb. 11	11	59
84. Committee Members' Workshop	Local Community Organizations	Airdrie	Dec. 13-Dec. 14	12	60
85. Committee Members' Workshop	Local Community Organizations	High River	Feb. 23-Feb. 24	12	36
86. Choral Leadership	Department of Extension	Alix	Feb. 9-Apr. 16	17	30
87. Drama Workshop	Department of Extension	Edmonton	Sep. 29-Dec. 1	10	15
88. Drama Workshop	Department of Extension	Fairview	Oct. 19-Oct. 20	6	50
89. Drama Workshop	Department of Extension	Coaldale	Nov. 1-Nov. 3	14	22
90. Drama Workshop, Junior Group	Department of Extension	Stirling	Nov. 4-Nov. 6	6	30
91. Drama Workshop, Senior Group	Department of Extension	Stirling	Nov. 4-Nov. 6	9	26
92. Drama Workshop	Department of Extension	Red Deer	Nov. 17-Nov. 19	9	33
93. Drama Workshop	Department of Extension	Cardston	Nov. 22-Nov. 24	20	75
94. Drama Workshop	Department of Extension	Edmonton	Jan. 3-Jan. 17	8	15
95. Drama Workshop	Department of Extension	Brooks	Feb. 20-Feb. 22	18	15
96. Drama Workshop	Department of Extension	Queensstown	Mar. 2-Mar. 3	10	19
97. Drama Workshop	Department of Extension	Cayley	Mar. 4-Mar. 7	6	10
98. Drama Workshop	Department of Extension	Manning	Mar. 20-Mar. 21	10	22
99. Banff School of Fine Arts Summer Session	Banff School of Fine Arts	Banff	July 5-Aug. 14		448
100. Summer Short Course in Painting	Banff School of Fine Arts	Banff	June 21-July 3		35
101. Autumn Short Course in Painting	Universities of Alberta, British Columbia, Manitoba and Saskatchewan	Banff	Aug. 11-Sept. 11	16	16
102. Banff School of Advanced Management	Society of Industrial and Cost Accountants of Alberta	Banff	Jan. 31-Mar. 12		68
103. Short Course in Executive Development	Alberta Institute of Chartered Accountants	Banff	Mar. 21-Apr. 2		27
104. English Usage	Alberta Institute of Chartered Accountants	Edmonton	Sep. 18-Nov. 6	16	26
105. English Usage	Alberta Institute of Chartered Accountants	Calgary	Sep. 18-Nov. 6	16	17
106. Sculpturing Course	Department of Extension	Edmonton	Oct. 29-Mar. 25		9

107. Training Instructors of Supervisors and Foremen in Industry Marketing	Department of Extension	Banff	Nov. 8-Nov. 20	36
108. Short Course in Life Insurance	Calgary Life Underwriters' Association	Calgary	Apr. 19-Apr. 23	51
109. Field Safety Clinic	P.I.T.S., W.C.B. and C.A.O.D.C.	Swift Current	Oct. 6	108
110. Field Safety Clinic	P.I.T.S., W.C.B. and C.A.O.D.C.	Valley View	Jan. 19	100
111. Field Safety Clinic	P.I.T.S., W.C.B. and C.A.O.D.C.	Drayton Valley	Feb. 16	207
112. Care and Handling of Drill Pipe and Drill Collars	P.I.T.S.	Wetaskiwin	July 14-July 16	34
113. Care and Handling of Drill Pipe and Drill Collars	P.I.T.S.	Stettler	July 19-July 20	48
114. Care and Handling of Drill Pipe and Drill Collars	P.I.T.S.	Calgary	July 23	52
115. Care and Handling of Drill Pipe and Drill Collars	P.I.T.S.	Drayton Valley	July 27-July 28	55
116. Care and Handling of Drill Pipe and Drill Collars	P.I.T.S.	Virden, Man.	Nov. 1	95
117. Care and Handling of Drill Pipe and Drill Collars	P.I.T.S.	Swift Current	Nov. 3	66
118. Oilwell Drilling Safety Clinic	P.I.T.S., W.C.B., C.A.O.D.C., C.P.A.	Banff	May 6-May 7	179
119. The Western Canada Conference on Financial Management and Petroleum Accounting	Petroleum Accountants' Society of Western Canada	Banff	May 12-May 14	75
120. Spring Short Course in Art	Medicine Hat Art Club	Medicine Hat	May 24-May 29	25
121. Spring Short Course in Art	Castor Art Club	Castor	Apr. 30-May 1	6
122. Spring Short Course in Art	Vulcan Art Club	Vulcan	May 10-May 15	20
123. Spring Short Course in Art	Lethbridge Sketch Club	Lethbridge	May 31-June 5	36
124. Community Art Class	Athabasca Art Club	Athabasca	Oct. 18-Mar. 7	18
125. Community Art Class	Lloydminster Art Club	Lloydminster	Nov. 1-Mar. 15	35
126. Community Art Class	Fort Saskatchewan Art Club	Fort Saskatchewan	Oct. 26-Mar. 21	9
127. Community Art Class	Wetaskiwin Art Club	Wetaskiwin	Nov. 16-Apr. 12	25
128. Community Art Class	Meeting Creek and Camrose Art Club	Camrose	Oct. 4-Oct. 20	15
129. Community Art Class	Bentley Art Club and Lacombe Art Club	Lacombe	Nov. 9-Mar. 22	25
130. Community Art Class	Castor Art Club	Castor	Dec. 16-Apr. 13	30
131. Community Art Class	Red Deer Art Club	Red Deer	Oct. 13-Mar. 31	15
132. Community Art Class	Rocky Mountain House Art Club	Rocky Mt. House	Oct. 28-Mar. 17	30
133. Community Art Class	Drumheller Art Club	Drumheller	Oct. 7-Mar. 30	40
134. Community Art Class	High River Art Club	High River	Nov. 6-Mar. 26	20
135. Community Art Class	Vulcan Art Club	Vulcan	Nov. 3-Mar. 9	25
136. Community Art Class	Nanton Art Club	Nanton	Nov. 6-Mar. 26	15
137. Community Art Class	Medicine Hat Art Club	Medicine Hat	Oct. 16-Apr. 15	26
138. Community Art Class	Lethbridge Sketch Club	Lethbridge	Nov. 4-Apr. 1	50
139. Community Art Class, Junior Group	Lethbridge Sketch Club	Lethbridge	Jan. 13-Apr. 1	60
140. Community Art Class, Junior Group	Manville Art Club and Innisfree Art Club	Manville	Nov. 1-Mar. 14	35
141. Community Art Class, Junior Group	Medicine Hat Art Club	Medicine Hat	Oct. 2-Mar. 12	30
				24
				6.569

Table III

LIBRARY STATISTICS

Open Shelf Books

	1954-55	1953-54	Difference
To Open Shelf Readers:			
Books	43,960	41,732	2,228
Plays	2,162	1,817	345
Periodicals and Pamphlets	3,049	3,472	—423
Open Shelf Books in Special Libraries	15,414	13,510	1,904
Open Shelf Books sent to Banff School	1,269	1,344	—75
	65,854	61,875	3,979

Circulation Recorded Outside the Library

Circulation Recorded at Banff School	1,494	5,075	—3,581
Circulation Recorded in Special Libraries...	26,926	26,114	812
Circulation Recorded in Regular Libraries...	4,015	4,304	—289
	32,435	35,493	—3,058

(Travelling Library custodians are asked to send in circulation figures, but do not always do so. The above figures for Special and Regular Travelling Libraries are those sent in by custodians.)

Travelling Libraries Sent Out

	1954-55	1953-54	Difference
Special Libraries	439	386	53
Regular Libraries	112	104	8
	551	490	61

Book Stock

Books at April 1, 1954		36,659
Accessions: By purchase 2,765; gifts 91; total	2,856	
Withdrawn	445	
Net Increase	2,411	
Books at April 1, 1955		39,070

Membership

Open Shelf: There are 5,545 postal accounts in the three-year Open Shelf registration. Some of these represent families rather than individuals.

Travelling Libraries were sent to 234 different groups.

Other Statistics

Catalogue Cards made: 7,553	Overdue notices sent: 1,702
Books repaired at Bindery: 333	Book reserves taken: 4,183
Books repaired in Library: 6,872	

Table IV

STATISTICAL INFORMATION, DIVISION OF VISUAL INSTRUCTION

Number of moving picture films in library:	
Silent, 8 mm. and 16 mm.	492
Canadian Film Institute	17
National Film Board	803
Sponsored films	142
Sound films, general	1,439
Total films in library	2,893
Number of new films added to the library during the year	
(included in the above)	115
Number of filmstrips in library	2,094
Number of sets of 2x2 slides in library	207
Number of sets of old standard slides in library	425

Circulation Figures

	1954-55	1953-54	Com- parison
Number of 2x2 and standard slides sent out....	223	253	—30
Number of times slides used	179	188	—9
Total audience viewing slides	6,729	6,850	—121
Individual filmstrips sent out	4,046	4,255	—209
Total audience viewing filmstrips	102,387	98,160	+4,227
Number of reels of silent film sent out	1,141	1,009	+132
Number of reels of sound film sent out	20,049	20,205	—156
Total sets of moving picture films sent out	5,086	5,012	+74
Total number of reels of moving pictures sent out	21,190	21,214	—24
Total number of showings of films, sound and silent	7,362	6,618	+744
Total audience viewing films	523,930	475,193	+48,737
Number of times projection service supplied	300	372	—72
Number of screenings for groups in screening room	74	41	+33
Total number of screenings	374	413	—39

Table V

GENERAL STATISTICAL SURVEY

Lectures

University teaching staff	640	
Department of Extension staff	344	984
Aggregate attendance		66,565
Number of radio talks:		
Extension staff	26	
Regular teaching staff	96	122
Conferences and short courses, Table II		6,569
Studio Theatre attendance		4,840
Feeders' Day attendance	600	
Youngstown Field Day	100	
Visitors' Day	125	825

Visual Instruction

Number of 2x2 and standard slides sent out	223	
Number of times slides used	179	
Total audience viewing slides		6,729
Individual filmstrips sent out	4,046	
Total audience viewing filmstrips		102,387
Number of reels of silent film sent out	1,141	
Number of reels of sound film sent out	20,049	
Total sets of moving picture films sent out	5,086	
Total number of reels of moving pictures sent out	21,190	
Total number of showings of films, sound and silent	7,362	
Total audience viewing films		523,930
Number of times projection service supplied	300	
Number of screenings for groups in screening room	74	
Total number of screenings	374	

Library and Debating Service

Number of travelling libraries in use	551	
Number of times sent out—		
Regular libraries	112	
Special libraries	439	
Recorded circulation		30,418

Open-Shelf Circulation

Books:		
Banff School	1,494	
Adults	70,655	
Juvenile	52,693	
Plays	1,188	
Periodicals and pamphlets	3,049	129,079
Number of package libraries for debaters sent out		20

Study Group Material

Number of Citizens' Forum bulletins sent out	1,120
--	-------

New Canadian Plays

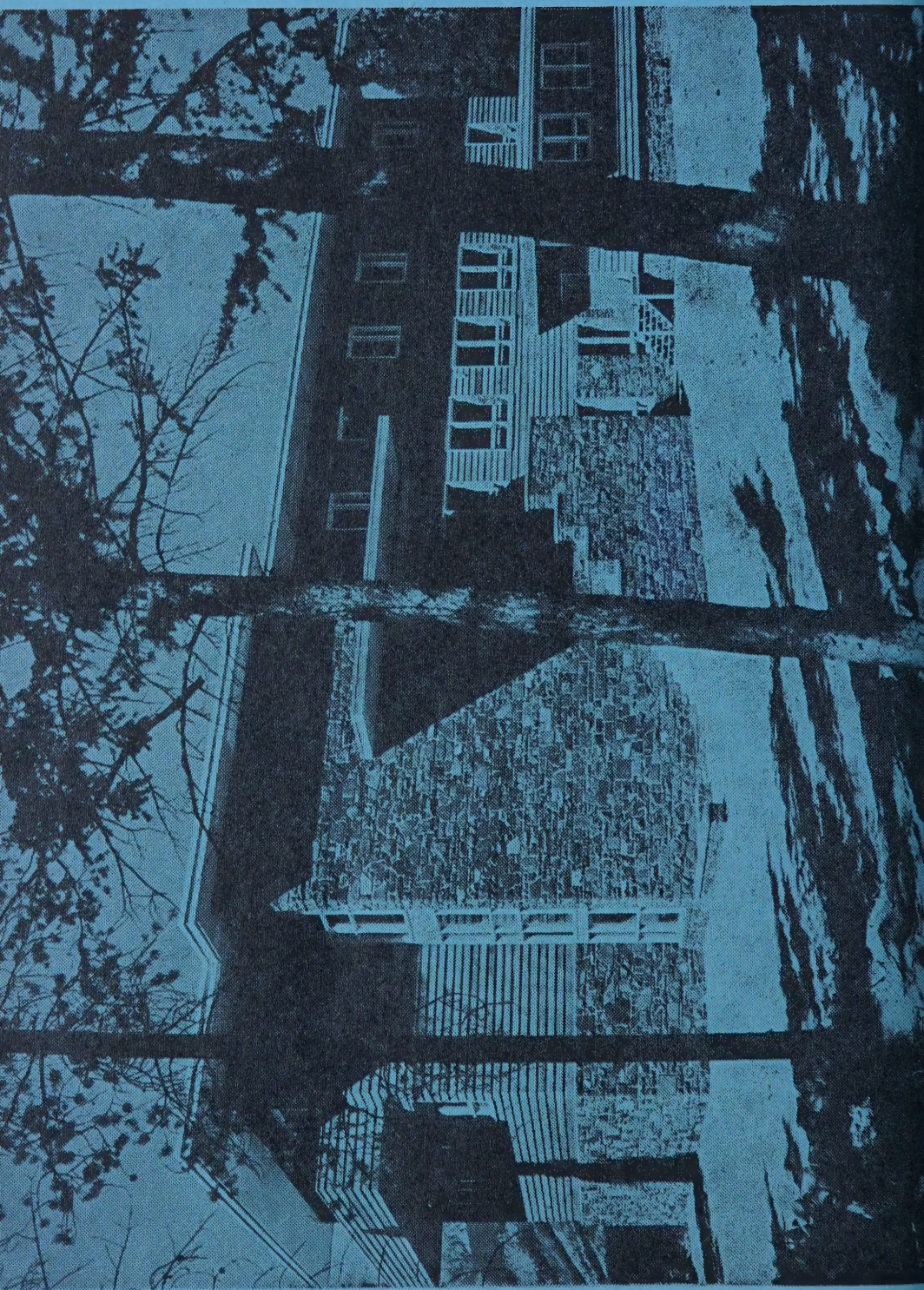
Number of copies of New Canadian Plays sold	400
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Publications

Press Bulletin, Seasonal Notes	10,000	
Press Bulletin, Feeders' Day Program	5,000	15,000
Agricultural bulletins sent out during year	44,766	
Mimeos, circulars and other bulletins sent out	673	45,439
Total number of bulletins distributed since inception of service	631,476	
The New Trail, number sent out		11,750

RECAPITULATION

Total aggregate attendance at lectures, conferences, schools and short courses; filmstrip programs, slides, moving pictures, Studio Theatre, field days	711,845
Total circulation of travelling library books, open shelf, package libraries for debaters, Citizens' Forum bulletins, New Canadian plays	161,037
Total circulation of press bulletins, agricultural publications, The New Trail	72,189





ANNUAL REPORT

on

Extension Activities

for the year ending March 31, 1956



Arts Building, University of Alberta, Edmonton

Published by
Department of Extension, University of Alberta
Edmonton, Alberta

ANNUAL REPORT

on

**Extension Activities of the University
of Alberta**

**for the Year ending March 31st
1956**

COMMITTEE ON UNIVERSITY EXTENSION

ANDREW STEWART, B.S.A., M.A., LL.D., President of the University,
Chairman

DR. W. B. PARSONS, representative of the Senate

MR. C. O. HICKS, representative of the Senate

HERBERT THOMAS COUTTS, B.A., M.A., Ph.D., Dean of the Faculty of
Education

ARTHUR GILBERT McCALLA, B.Sc., M.Sc., Ph.D., Dean of the Faculty
of Agriculture

FLORA MacLENNAN MACLEOD, M.A., B.L.S., Extension Librarian

DONALD CAMERON, B.Sc., M.Sc., Director, Department of Extension

Annual Report on Extension Activities

of the

UNIVERSITY OF ALBERTA

for the year ending March 31, 1956

Edmonton, April 27, 1956

Dr. Andrew Stewart,
President, University of Alberta

Mr. President:

I have the honor to submit the forty-third annual report on the extension activities of the University for the year ending March 31, 1956. This report reflects a substantial increase in time and effort given by all faculties, departments and schools, to extension and adult education activities. Generous support has been forthcoming from all members of the staff in this very important task of making the resources of the University available to the Province it serves.

Informal contact between members of the staff and the public is invaluable. It is gratifying to note that an estimated 1,205 talks, lectures and demonstrations were given by members of various departments to community organizations and groups across the Province to audiences which totalled some 75,000. An estimated 189 radio and television presentations were also prepared by members of the staff as compared with 126 last year. In addition to radio and television talks and those lectures given off the campus, staff members have been most generous with their time in dealing with requests for information and help with specific problems.

One hundred and sixty-three short courses, classes and conferences, again a substantial increase over the number offered last year, were held at various points throughout the Province. Department records show that over 6,290 people attended these classes, which on the average, involved thirty hours of class time. The subject matter of these classes shows an unusual variety and includes anthropology, comparative religion, financial statement analysis, metallurgy, psychology, geology, geography, industrial relations, prospecting, sculpturing, school administration, nursing, astronomy, gas metering, painting, music and drama. The chart found in the appendix to this report indicates the wide distribution throughout the province of these various projects.

Courses for University credit were offered in Edmonton, Calgary, Red Deer, Vegreville, Medicine Hat and Lethbridge. Three hundred and eighty-six students, mainly teachers, were enrolled.

A most important need of this Province is that of leadership training. Through courses for adults and young people, both urban and rural,

supported by farm organizations, cooperatives, organized labour, school and community organizations, and as well through a series of district meetings in close cooperation with the farm organizations, a substantial amount of worth-while work has been accomplished in this field during the year. It is gratifying to report that there is some evidence that this effort is producing positive results.

The trend of book circulation from the Extension Library over several years has been upward. Circulation figures from Library records this year show an increase in open shelf circulation of about 6% and an increase in travelling library circulation of about 19%. The book stock at the close of the year stood at 41,531, exclusive of pamphlets and periodicals. As has been the case for many years, people across the Province have been studying through the Library such subjects as world affairs, automation, home-making, community recreation and others. To people across the province, often in isolated areas, the Library performs a valuable and important function in making easily available, the world of books. The often difficult and time-consuming job of providing answers to specific questions is another important aspect of this Library's service.

Due in part to the inception of commercial television service, the Visual Instruction Division has recorded a sharp drop in the distribution of films, filmstrips and slides. The movement of general interest material has been especially slow. The Division has continued to provide a projection and maintenance service and to advise generally on utilization of visual aids.

The Petroleum Industry Training Service, which is sponsored by the Provincial Government, the Canadian Petroleum Association, the Canadian Association of Oilwell Drilling Contractors, and the University has, during the year, offered thirty-two training courses, which have been attended by 1,309 persons. There has been a substantial increase in the number of courses given this year of a technical nature. Another and important part of the work is instruction in safe working methods. The safety program has provided instruction and training for groups of drilling contract firms, not large enough to warrant individual safety staff members.

Both as a centre for the arts and as a focus of continuing education, the Banff School of Fine Arts has maintained an enviable reputation. Apart from the Summer Session in the arts, which was attended by 479 people, including 40 students enrolled in University credit courses, some sixty-five different groups of national and international origin, attended short courses, educational conferences and meetings at the School during the year. In the field of business education as well, the School has within a very few years, achieved an excellent reputation through its Advanced Management program and subsidiary series of specialized training courses in various aspects of business. These include the Executive Development course, the course in Personnel Management and the course in Financial Management and Petroleum Accounting.

Special mention should be made of the work of the University's Extension Specialists in Music, Art and Drama. Working with small groups, and for the most part in rural areas, these staff members have done much to heighten the interest in these arts and to encourage their development. Concrete evidence of their achievements, particularly in the field of drama, are evident. Apart from assistance of a more informal nature, some forty courses in these fields were organized which were attended by 958 students.

SHORT COURSES, CLASSES AND CONFERENCES

One of the important aims of Extension work is to stimulate inquiring minds. An equally important objective lies in providing the educational medium through which an individual can better his economic position. And recognizing the fact that the individual makes his community a better place through the organizations to which he belongs, a third objective is found in providing training which will enable him to better understand his organization and improve its operation.

There are many methods through which this objective may be reached, including the intensive short course which combines the expert leadership of University staff members and business and professional men in the community, with the resources of the community itself. One hundred and sixty-three such courses were offered at various points in the province with a total enrolment of 6,294.

The University's Evening Division program offered fifty-six regular credit and non-credit classes in Calgary, Medicine Hat, Edmonton, Lethbridge, Red Deer and Vegreville. Students in the credit classes have for the most part been teachers for whom the program is a valuable adjunct to summer school. For young men and women in business, this program provides an opportunity to get at least some training at the University level. This program has shown a very satisfactory growth in every way in the four years of its operation. The registration has grown from 132 to 386 and the service has been extended each year to central points in the Province.

Among the non-credit classes, the series offered in cooperation with the Society of Industrial and Cost Accountants of Alberta should receive special mention. These classes provide an excellent opportunity for students to achieve a thorough training in accounting, ultimately leading to the designation R.I.A. (Registered Industrial Accountant).

Other general non-credit classes included the Evolution of Man and the Development of Race, Financial Statement Analysis, Psychology of Personal Adjustment, Landscape Design, Geology, English Composition and others. These classes, for the most part, are introductions to the various fields. In addition to class room lectures, the student is provided with reading lists, and other class room aids and has access to the Library of the University.

As has been the case now for a number of years, the demand for training courses in business has increased considerably. Seven intensive training courses in Management Development, Personnel Administration,

Supervisory Training and Financial and Accounting Controls ,were offered in Edmonton and Calgary, with a total registration of 165. In cooperation with the Investment Dealers Association, a course in Managing Investments was offered in the same centres to 160 students. The University, in cooperation with the Alberta Institute of Chartered Accountants, provided a training course in English Usage for its articling students at a number of points in the province.

Two workshops in School Administration and Municipal Administration were held at Banff. Specialized courses in Life Insurance Marketing, Financial Management and Petroleum Accounting, Supervisory Training and Personnel Administration were also held in Banff. In each of these the enrolment was substantial and the interest high. It might be remarked in passing that a number of these have become annual events, enthusiastically supported by cooperating business organizations. Mention should be made too of a number of special interest courses such as a short course in prospecting offered by the University in cooperation with the Alberta and Northwest Chamber of Mines and the Canadian Institute of Mining and Metallurgy, an 'Introduction to Practical Metallurgy', offered in cooperation with the American Society for Metals, Social Work in the Community, an introductory lecture series sponsored by the Canadian Association of Social Workers, Northern Alberta Branch, and a short course in Rorschach Psychological Testing. In a number of these, and particularly in the case where adequate material does not already exist, the Department has undertaken the responsibility of providing copies of lecture notes. These references have been much in demand by persons who were unable to take the class.

In the general field of leadership training, the annual Farm Young Peoples' Week is certainly most widely known throughout the Province. For nearly forty years, some one hundred and fifty to three hundred rural young people have attended this series of classes at the University for a seven to eight day period. Here they have had an opportunity to meet with one another, to see new developments in agriculture and the research being done on the campus, participate in discussions of agricultural matters, international affairs, etc. In addition, they have been given practical help in the development of skills which will be useful to them in their own communities. This course has been important as a means of giving a substantial number of Albertans an insight into the job of the University and the way it contributes to the life of the Province.

On the invitation of the Farmers Union of Alberta, members of the staff have participated in a series of District Workshops attended by executive members in each area. These workshops have been designed to provide a setting in which members might discuss the objectives of their organization, methods of programming to achieve those objectives, leadership in discussion and the handling of meetings. A series of Committee Workshops, dealing with many of the same subjects, has been offered in cooperation with the voluntary organizations of various communities.

AGRICULTURAL EXTENSION AND PUBLICATIONS

The agricultural extension work of the Department of Extension is confined mainly to the answering of hundreds of letters of general inquiry concerning agricultural problems, the provision of special lectures, participation in short courses and the distribution of bulletins.

The Faculty of Agriculture was host during the year to 900 persons at Feeders' Day and 350 at the Soil Field Day at Breton.

Agricultural Publications

During the year, 965 requests for agricultural publications were received and dealt with the 491 inquiries for specific information were referred to other departments of the University.

The following bulletins were printed during the year:

Insect Pests of Grain in Alberta	5,000
Water Erosion in Alberta	3,000
Soils and Fertilizers for Alberta Gardens and Lawns	5,000
Laying-house Plans	1,000

In the year under review, 25,915 bulletins, circulars and leaflets were distributed.

Press Bulletin

In the year covered by the report, 10,000 copies of press bulletin, 'Seasonal Notes', by the Department of Plant Science were sent out, as well as 5,000 copies of 'The Feeders' Day Program' by the Department of Animal Science.

The New Trail

During the year, 10,270 copies of The New Trail, the publication of the University's Alumni Association, were mailed.

Citizens' Forum

One thousand, one hundred and twenty copies of the study pamphlets accompanying C.B.C. broadcasts were distributed to sixty subscribers in 1955-56.

Radio Extension Work

In the year under review, staff members presented 193 broadcasts over CKUA. "Music Hour", "Men and Letters", "The Bookshelf" and "I Don't Agree" were among the more popular broadcasts.

EXTENSION LIBRARY

During the past year there has been an increase in the circulation of both Open Shelf books and Travelling Libraries. The Open Shelf increase over last year is a small one of about 6%, the increase in Travelling Libraries about 19%. The largest circulation increase, 24%, has been for special Travelling Libraries which have gone to schools, Home and School reading clubs, small communities, small public libraries, study groups, summer camps, church and Sunday school groups.



Through the year there has been a heavy demand for material on Alberta, its people, its culture, its history, as the Jubilee celebrations roused in readers of all ages a new interest in their own province. A list, *Books for Alberta's Golden Jubilee*, was sent out from the library with the supplementary list of new books in July.

The greatest number of requests on any one subject of the 856 reference requests was for material on Alberta. There were about the usual number of requests for useful information — on how to finish furniture, mend cracks in concrete, remove candle wax stains, plan houses, and so on. There was a demand for material on subjects of current interest — the relationship between cancer and smoking, the significance of automation, the uses of hypnotism. As usual people have been studying through the library such subjects as world affairs, the chances for peace, Canada's place in the world, and have shown an interest in community activities — how to run meetings, put on community concerts, organize recreation.

Among the most popular new books have been some Alberta ones:— J. G. MacGregor's *Behold the Shining Mountains*, Barbara Villy Cormack's *The House*, Kerry Wood's *Wild Winter*. Popular among other new Canadian publications are Donald Creighton's new volume on Sir John A. MacDonald, N. J. Berrill's *Man's Emerging Mind* and Shapiro's *Sixth of June*. *The Man in the Gray Flannel Suit*, by Sloan Wilson, Louis Bromfield's *From My Experience*, Edmund Wilson's *Scrolls from the Dead Sea* are some American titles in constant demand.

Library routines have been carried out smoothly thanks to a hard-working staff with an enthusiastic interest in the library and its readers. The use of printed catalogue cards for many books has resulted in a sav-

ing of time that has been put on attention to readers' requests. For the first time in five years, it has been possible to take inventory of the book collection, or rather half of it. The other half should be completed next year.

The Extension Librarian, Miss MacLeod, was invited by the Women's Extension Service of the Department of Agriculture to speak on books and reading to a group of farm young people during Exhibition Week and to a group of wives of municipal officers in the fall. She took part in the Rural Leadership Course at the Banff School, gave two radio talks on two University radio programs, convened a University radio program, **The Bookshelf**, and helped plan and took part in an Extension course on books and reading put on by the Department of Extension at the suggestion of the Alberta Library Association. With the cooperation of the provincial Supervisor of Public Libraries and librarians from the Public and University Libraries, the Extension Librarian directed the Annual Short Course for Librarians of Small Libraries. During the year she served on the Alberta Library Board.

VISUAL INSTRUCTION DIVISION

A number of factors including the growth of television broadcasting, has contributed to the decline of film, film strip and slide distribution throughout the Province this year from the relatively high circulation of years past. The distribution of films on topics of general interest has shown the greatest decrease. However, the demand for specialized subjects continues to be high, and churches, schools, business and educational organizations, continue to use a great many films. Despite this decline, the total overall circulation of films, slides and film strips is substantial.



Thirty-nine hundred reels of films were shown to audiences of nearly four hundred and eighty thousand. The condition of films in the film library has been improved considerably over the last two year period. A number of worn-out subjects have been discarded and those film subjects replaced which are still in constant demand. It is interesting to note the trend towards color material and of the new additions to the library, one third are in color.

Distribution of film strips and slides as well has declined, mainly because an increasing number of schools are establishing their own film strip libraries. The demand for suitable film strips for churches has remained fairly constant but the supply of new material available prevents any substantial increase in circulation here.

As in the past, the Department has been responsible for providing instruction in the operation of visual equipment and in advising on the use of films and projectors. Six week courses have been provided undergraduate students in the Faculty of Agriculture and similar instruction has been offered to students in Public Health Nursing. Additional courses have been arranged for organizations off the campus. More equipment for rental has been provided, chiefly for business and industrial firms, and the Department has spent a considerable amount of time in searching out appropriate films which are not in our own library stock for these and other organizations. The library now includes 3,026 films, 2,238 film strips and 208 sets of 2"x2" slides.

As in previous years, the Division has worked in very close co-operation with the National Film Board, to whom we are indebted for many courtesies.

PETROLEUM INDUSTRY TRAINING SERVICE

The Petroleum Industry Training Service, sponsored by the Provincial Government, the Canadian Petroleum Association the Canadian Association of Oilwell Drilling Contractors and the University, has as its objective, the training of oil field personnel throughout the industry. During the past year, the service offered has taken a number of different forms; courses for drilling personnel, courses for production personnel, courses in job instruction training and human relations, the safety program which provides inspection and training for drilling firms and training through visual aids from the film library on oil field technique and safety methods.

The work of the Division has been expanded considerably due to increased grants from the sponsoring bodies. Several publications of wide general use to men in the industry have been published during the year.

FINE ARTS

Through courses and classes which they have organized, through talks and demonstrations, personal assistance, adjudication and on-the-spot help, the Extension Specialists in the Arts have done a very fine job in encouraging and developing the Arts in Alberta.

Art

The Community Art Class program of the Department of Extension was expanded considerably during the year under review. Classes which met regularly during the fall and winter were held at 26 points in the Province and were attended by 646 students. The program is so arranged in each of these centres that there can be a progressive development from year to year among the students. The annual exhibitions held at each of these centres during the year indicates satisfactory improvement. A growing number of students are being invited to exhibit their works at exhibitions in Western Canada.

Music

Nine courses in various centres were offered with a total registration of 277 persons. The subjects included Choral Leadership, Music Appreciation and a Master Class in Piano. Four mixed chorus organizations were established in the Province under the leadership of the Extension Specialist in Music and each of these has outlined a sound continuing program. An important part of the work has been the advisory service carried on and the personal assistance given a good many organizations in choral work, adjudication and music selection.

On an experimental basis, four concerts have been arranged for Alberta communities. These presentations will include a trio; a violinist, a baritone and a mezzo soprano. Plans are being made to expand training in choral leadership in the Peace River country during the next year.

Drama

The work of the Extension Specialist in Drama is reflected in heightened interest throughout the Province in drama generally, and more specifically, through the number and quality of entries in the various festivals. During the year, the Extension Specialist in Drama adjudicated at nine festivals where a total of sixty-one plays were offered and instructed in four workshops in Lethbridge, Coaldale, Red Deer and Edmonton. Personal assistance was given to sixteen groups in nine centres and general talks and demonstrations, sixteen in all, were given to thirteen groups.

BANFF SCHOOL OF FINE ARTS

The role of the Banff School of Fine Arts, both as a centre of the fine arts and as a continuing education centre in Canada has been recognized across the country. The twenty-second annual Summer Session of the School was held this year between June 20th and September 10th. Four hundred and seventy-nine students were registered in the thirty-six classes offered in painting, singing, photography, ballet and rhythmic, pianoforte, choral leadership, strings, crafts, oral French, interior decoration, weaving, and writing. The calibre of the work done is reflected in the recital and performance offerings by the students at various points throughout the term, in all divisions.

The staff of seven in the Drama Division was responsible not only for the classes in acting, speech, stage craft and directing, but also for a major performance 'Stampede' by Gwen Pharis Ringwood and a number of shorter plays including 'A Phoenix Too Frequent' by Christopher Fry. Each student in this Division had the opportunity to take an active part in the production of these performances in the field of his specialization. A growing number of students are arranging to take courses in a three year pattern which will qualify them for the Junior, Intermediate and Senior certificates of the School and also for University credit.

The growth in registrations and the quality of work done in the Ballet Division is a tribute to the work of the instructors Miss Gweneth Lloyd, founder and director of the Winnipeg Ballet and Miss Betty Farrally, also of the Winnipeg Ballet. Senior and junior courses in the technique of classical ballet, rhythmic and special instruction for children, were offered during the year. Much credit must go to the skill and imagination of the instructors in this Division, for their work both in the classroom and the calibre of performances staged by the students.

Staff members of the Art Division for the 1955 session included H. G. Glyde, W. J. Phillips, Charles Stegeman, Mrs. Helen Bentley, Harry Wohlfarth and Francoise Andre. The students in this Division have been keen and hard-working, both those in the senior classes and in the junior and children's classes.

Special mention should be made of the excellent exhibition of paintings and handicrafts arranged by members of the Art Division staff towards the end of the session. The quality of work displayed by students, both in the art and handicraft divisions was excellent. This exhibition and the recitals, plays, and other performances during the year, have elicited many favorable comments from visitors to Banff.

An evidence of the success of the staff of the Music Division which this year included Randolph Hokanson, Dorothy Swetnam, Clayton Hare, Dr. Ernesto Vinci, Mrs. Eileen Higgin and Richard S. Eaton, is in the enthusiasm of the students in all sections, — strings, choral, piano and opera. Both in the class room and in preparation for recitals, opera productions and choral work, the students worked very hard. The major productions of the Music Division this year, jointly with the Drama Division, were 'The Merry Wives of Windsor' and excerpts from 'Madam Butterfly'. The former was a full stage production while Puccini's opera was done in costume only. It is a pleasure to record here the inspiring work of these members of the staff.

The School's traditional Festival Week was planned this year to form an integral part of the Fiftieth Anniversary celebrations of the Province of Alberta. As has been mentioned, the School is in a very real sense, the showcase of the University, both during this week of performances and throughout the session. It is gratifying to record the continuing high standards of the contributions from all divisions and students.

MANAGEMENT TRAINING

An unprecedented expansion in the Canadian economy has led to a demand for training facilities for business managers. The University's Banff School of Fine Arts, in trying to meet this growing demand in various aspects of business in 1955-56 offered five courses.

Five years ago an intensive six-week course in Advanced Management (now under the joint sponsorship of the four western provinces) was initiated by the Department of Extension. Its steady growth from a registration of twenty-four the first year to 77 in 1956 indicates the recognized need for such a course in modern business. From January 30 to March 10, senior business men from across Canada met at the Banff School of Fine Arts for this concentrated course in business management. Special attention was focused upon such subjects as Human Relations, Labour Relations, Executive Personnel Administration, Marketing, Financial Controls and Production Management.

Alumni groups formed in various cities return to the School with other business men to attend the Business Men's Weekend which takes the form of a conference on general business problems. This year 289 participated in this annual meeting.

The two-week course in Executive Development is designed along the lines of the Advanced Management, with emphasis on Administrative and Financial Controls, Human Relations and Corporation Finance. It serves as a training ground for a younger group of executives than those enrolled in the Advanced Management course and serves also as refresher training for the senior executive who finds it difficult to leave his office for the longer period. The enrolment of thirty-six registrants in this course, which was held from March 19 - 31, suggests the advisability of running two such courses annually.

Again on the request of industry, a course, Training Supervisors and Foremen in Industry, the second such course to be held, was arranged from November 7 - 19, 1955.

A fourth business training program was offered, this year in co-operation with the Petroleum Accountants Society of Western Canada, Financial Management and Petroleum Accounting. This conference was well patronized by those wishing to broaden their knowledge of petroleum accounting. As in the previous business courses, an eminent group of instructors was engaged to deal with such topics as The Marketing Outlook for Gas and Western Oil, Business Documents Control, Gas Accounting and Management Control. A total of 84 students attended this course in 1955 and an even larger enrolment is anticipated for 1956.

Further in the development of Management Training, a course in Personnel Management was initiated in 1955 from November 14-26, and attended by sixteen applicants.

STAFF

It will be evident from a perusal of this report that the work described could only be accomplished through the generous and willing cooperation of all members of the staff, usually at the expense of their free time and occasionally, at some inconvenience. They have contributed liberally of their special skills and talents in a variety of activities, both on the campus and at various points across the province. It is a privilege too, to record the assistance and cooperation received from the Federal and Provincial Governments, from business and professional men and industrial organizations, from small community groups and from farm organizations. Their help has been invaluable. A special word of thanks is due the office staff of the Department of Extension which has worked long, hard and faithfully in preparation of the projects detailed in this report.

During the year, R. W. Nablo, Supervisor of Visual Instruction, left the staff. Miss Ethel Chiverton, the Assistant Librarian of the Extension Library and a most valued member of the staff, retired after thirty-five years of excellent service. Miss Mary Dodds, a graduate of the University of Alberta and the School of Library Service of Columbia University, joined the staff of the Extension Library. The resignation of Mr. Hartley Jackson was received and Mr. John H. W-Wilson was appointed Supervisor of the Petroleum Industry Training Service. New appointments to the Petroleum Industry Training Service include W. H. MacKay and H. O. Murray.

CONCLUSION

Adult education and extension work has been variously described as a manner of stimulating inquiring minds, as a way of helping people to better their economic position through training and a means of assisting them to become more proficient in the handling of their community affairs. Canadian people are reaching out for an understanding of the world they live in and an appreciation of their cultural heritage. The purpose of this report is to describe some of the ways in which this demand for information and training has been met.

Schooling attained early in life is, of itself, an inadequate preparation for complex modern living. Continuing education thus becomes a vital necessity. The task of helping to provide these educational opportunities is a big one and fundamental to its success is a firm basis in cooperation with organizations of many kinds. Through this framework of cooperation, the University, is in the future, best able to serve and be served.

Respectfully submitted,

DONALD CAMERON, Director.

APPENDIX

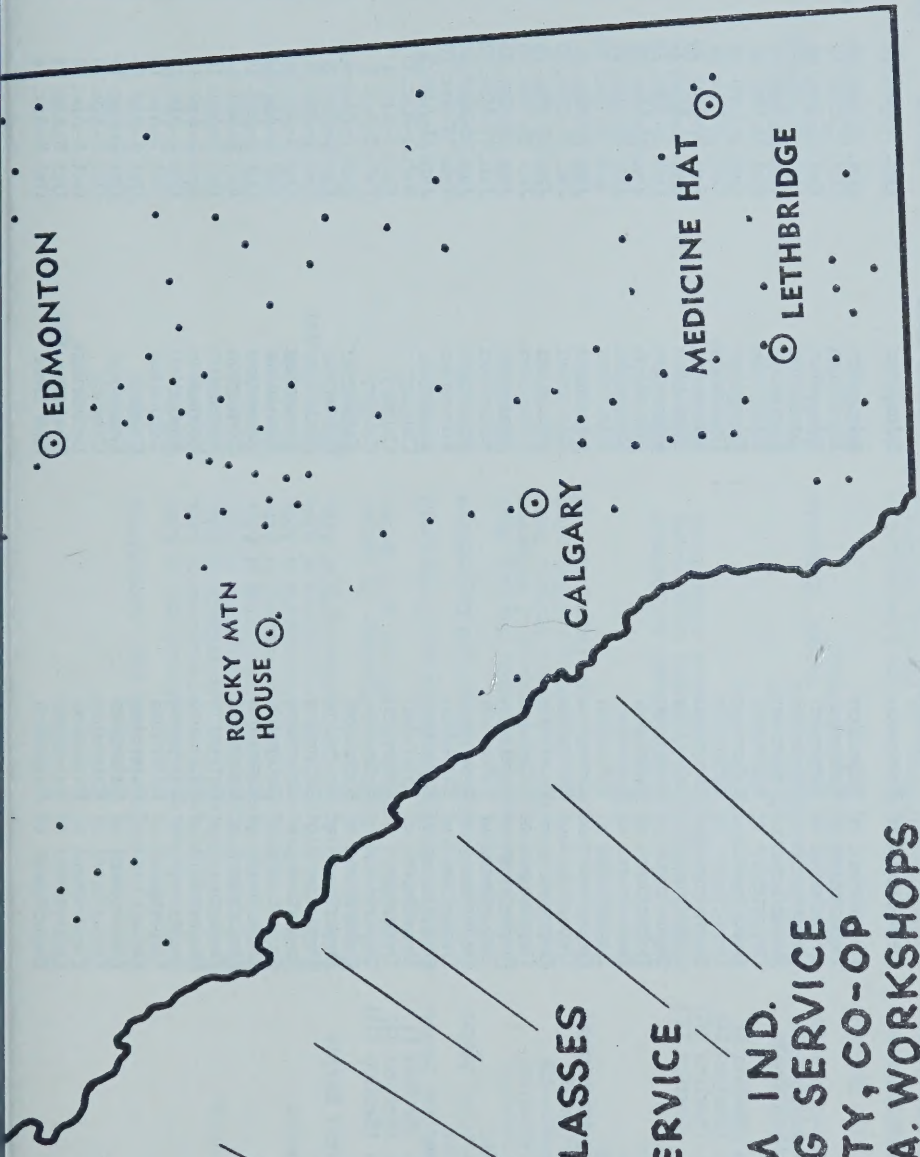
Table I—University Extension Activities during the year 1955-56

Faculty or Department	Ext. Lects.		Radio Talks		Ext. Corr.		Extension Interviews		No. of Radio Talks		No. of Lectures		Total Attendance at Lectures	
	55-56	54-55	55-56	54-55	55-56	54-55	55-56	54-55	55-56	54-55	55-56	54-55	55-56	54-55
Arts and Science including School of Household Economics	198	223	46	46	83	60	77	58	71	35	267	278	11,961	9,841
Faculty of Engineering	7	27	4	3	13	12	10	12	4	....	8	35	725	1,151
Faculty of Medicine including School of Nursing	64	40	5	4	22	2	6	4	4	3	40	32	1,945	3,571
Faculty of Pharmacy	42	48	3	2	75	58	53	53	3	1	43	48	2,862	1,685
Faculty of Agriculture	197	218	20	16	467	480	306	377	38	27	130	125	14,945	22,351
Faculty of Education	98	131	21	34	59	56	53	64	24	32	94	161	6,244	12,998
Faculty of Dentistry	18	27	2	3	2	....	....	....	5	....	19	12	1,138	1,430
Faculty of Law	40	25	....	....	....	....	....	....	....	....	17	2	3,265	245
Dept of Extension including Extension Library	19	21	3	7	36	26	15	22	34	26	572	344	31,255	20,050
School of Physical Education	683	760	104	115	757	694	523	590	189	126	1,205	1,054	75,530	74,729

McMURRAY

•☉ PEACE RIVER

••☉ GRANDE PRAIRIE



EDMONTON

ROCKY MTN
HOUSE

CALGARY

MEDICINE HAT

LETHBRIDGE

ART
DRAMA
EVENING CLASSES
FILMS
LIBRARY SERVICE
MUSIC
PETROLEUM IND.
TRAINING SERVICE
COMMUNITY, CO-OP
AND F.U.A. WORKSHOPS

Table II—Short Courses, Classes and Conferences Arranged and Organized by the Department of Extension

Short Course, Class or Conference	Sponsor	Where Held	Period	Hours	Attendance
1. The Evolution of Man and the Development of Race	Department of Extension	Edmonton	Oct. 17-Dec. 19	15	32
2. Public Speaking	Department of Extension	Edmonton	Oct. 17-Dec. 19	15	61
3. Commercial Law	Department of Extension	Edmonton	Oct. 11-Dec. 13	15	60
4. Comparative Religion 1	Department of Extension	Edmonton	Oct. 12-Dec. 14	15	26
5. Financial Statement Analysis	Department of Extension	Edmonton	Oct. 12-Dec. 14	15	45
6. Guideposts to the World of Books	Department of Extension	Edmonton	Oct. 13-Dec. 15	15	33
7. English Composition 1	Department of Extension	Edmonton	Oct. 13-Dec. 15	15	38
8. Conversational French (Section I)	Department of Extension	Edmonton	Oct. 14-Dec. 16	15	20
9. Conversational French (Section II)	Department of Extension	Edmonton	Oct. 14-Dec. 16	15	19
10. Conversational French (Section III)	Department of Extension	Edmonton	Oct. 18-Dec. 13	15	15
11. Conversational French (Section IV)	Department of Extension	Edmonton	Jan. 27-Mar. 30	15	15
12. Approach to Music III	Department of Extension	Edmonton	Jan. 31-Mar. 27	15	14
13. The Great Philosophers	Department of Extension	Edmonton	Oct. 14-Dec. 16	15	15
14. The Hebraic Heritage	Department of Extension	Edmonton	Jan. 23-Mar. 26	15	32
15. Effective Chairmanship	Department of Extension	Edmonton	Jan. 23-Mar. 26	15	25
16. Psychology or Personal Adjustment	Department of Extension	Edmonton	Jan. 23-Mar. 26	15	42
17. Landscape Design (Section I)	Department of Extension	Edmonton	Jan. 23-Mar. 25	15	15
18. Landscape Design (Section II)	Department of Extension	Edmonton	Jan. 24-Mar. 27	15	47
19. Introducing the Old Testament	Department of Extension	Edmonton	Jan. 24-Mar. 27	15	32
20. World Affairs	Department of Extension	Edmonton	Jan. 25-Mar. 28	15	33
21. English Composition II	Department of Extension	Edmonton	Jan. 25-Mar. 28	15	25
22. Geology	Department of Extension	Edmonton	Jan. 25-Mar. 28	15	18
23. Choral Leadership	Department of Extension	Edmonton	Jan. 27-Mar. 30	15	37
24. Principles of Gardening	Department of Extension	Edmonton	Jan. 26-Mar. 29	15	24
25. Conversational French (Section I)	Department of Extension	Edmonton	Feb. 13-Apr. 16	15	45
26. Conversational French (Section II)	Department of Extension	Edmonton	Feb. 13-Apr. 16	15	48
27. Conversational French (Section III)	Department of Extension	Edmonton	Feb. 13-Apr. 16	15	23
28. Law for the Layman	Department of Extension	Edmonton	Feb. 1-Apr. 4	15	15
29. A Background to Current Events	Department of Extension	Edmonton	Feb. 1-Apr. 4	15	18
30. Commercial Law	Department of Extension	Edmonton	Feb. 2-Apr. 5	15	16
31. Education 310	Department of Extension	Edmonton	Feb. 2-Apr. 5	15	70
32. Education 322B	Department of Extension	Edmonton	Feb. 2-Apr. 5	15	14
33. Education 492	Department of Extension	Edmonton	Feb. 2-Apr. 5	15	18
34. English 70	Department of Extension	Edmonton	Feb. 2-Apr. 5	15	17
35. Geography 1	Department of Extension	Edmonton	Oct. 3-Apr. 14	80	12
36. History 56	Department of Extension	Edmonton	Oct. 3-Apr. 14	80	42
37. History 59	Department of Extension	Edmonton	Oct. 3-Apr. 14	80	30
38. Accounting 1	Department of Extension	Edmonton	Oct. 3-Apr. 14	80	36
39. Accounting 1	Department of Extension	Edmonton	Oct. 3-Apr. 14	80	50
40. Economics 376	Department of Extension	Edmonton	Oct. 3-Apr. 14	80	34
41. Biology 41	Department of Extension	Edmonton	Oct. 3-Apr. 14	80	16
42. Biology 41	Department of Extension	Edmonton	Oct. 3-Apr. 14	80	8
43. Education 308	Department of Extension	Edmonton	Oct. 3-Apr. 14	80	9
44. History 58	Department of Extension	Edmonton	Oct. 3-Apr. 14	80	38
	Department of Extension	Lethbridge	Oct. 3-Apr. 14	80	28
	Department of Extension	Medicine Hat	Oct. 3-Apr. 14	80	10
	Department of Extension	Red Deer	Oct. 3-Apr. 14	80	32

45. History 58	Department of Extension	Vegreville	Oct. 3-Apr. 14	80	24
46. Accounting I	Society of Industrial and Cost Accountants of Alberta	Calgary	Oct. 3-Apr. 14	80	58
47. Accounting I	Society of Ind. and Cost Accountants of Alta.	Calgary	Oct. 3-Apr. 14	80	30
48. Accounting II	Society of Ind. and Cost Accountants of Alta.	Calgary	Oct. 3-Apr. 14	80	36
49. Advanced Cost Accounting	Society of Ind. and Cost Accountants of Alta.	Calgary	Oct. 3-Apr. 14	80	21
50. Business Mathematics	Society of Ind. and Cost Accountants of Alta.	Calgary	Oct. 3-Apr. 14	80	57
51. Accounting I	Society of Ind. and Cost Accountants of Alta.	Edmonton	Oct. 3-Apr. 14	80	51
52. Accounting II	Society of Ind. and Cost Accountants of Alta.	Edmonton	Oct. 3-Apr. 14	80	36
53. Advanced Cost Accounting	Society of Ind. and Cost Accountants of Alta.	Edmonton	Oct. 3-Apr. 14	80	16
54. Business Mathematics	Society of Ind. and Cost Accountants of Alta.	Edmonton	Oct. 3-Apr. 14	80	27
55. Industrial Relations	Society of Ind. and Cost Accountants of Alta.	Edmonton	Oct. 3-Apr. 14	80	30
56. Prospecting	Department of Extension Alberta and Northwest Chamber of Mines, Canadian Institute of Mining and Metallurgy	Edmonton	Jan. 17-Feb. 28	28	63
57. An Introduction to Practical Metallurgy (Monday's class)	American Society for Metals and Department of Extension	Edmonton	Feb. 6-Mar. 26	16	94
58. An Introduction to Practical Metallurgy (Tuesday's class)	American Society for Metals and Department of Extension	Edmonton	Feb. 7-Mar. 27	16	92
59. Social Work in the Community (Class A)	Canadian Association of Social Workers, Northern Branch and Department of Extension	Edmonton	Jan. 31-Apr. 3	20	55
60. Social Work in the Community (Class B)	Canadian Association of Social Workers, Northern Branch and Department of Extension	Edmonton	Jan. 31-Apr. 10	20	60
61. Clinical Medicine for Chiroprodists	Chiroprody Association and Department of Extension	Edmonton	Oct. 17-Oct. 18	12	11
62. Sculpturing	Department of Extension	Edmonton	Oct. 14-Mar. 23	40	15
63. Ceramics	Department of Extension	Edmonton	Jan. 18-Mar. 26	30	12
64. English Usage	Alberta Institute of Chartered Accountants	Edmonton	Jan. 21-Mar. 10	16	19
65. English Usage	Alberta Institute of Chartered Accountants	Calgary	Mar. 24-May 26	16	19
66. English Usage	Alberta Institute of Chartered Accountants	(Correspondence students)	Jan. 21-Mar. 10	9	9
67. Banff School of Fine Arts Summer Session	Banff School of Fine Arts	Banff	July 4-Aug. 13	479	
68. June Short Course in Painting	Banff School of Fine Arts	Banff	Jun. 20-Jul. 2	15	
69. Autumn Short Course in Painting	Banff School of Fine Arts	Banff	Aug. 15-Sept. 10	28	
70. Banff School of Advanced Management	Universities of Alberta, British Columbia, Manitoba and Saskatchewan Department of Extension	Banff	Jan. 30-Mar. 10	77	
71. Short Course in Executive Development	Department of Extension	Banff	Mar. 19-Mar. 31	228	36
72. Life Insurance Marketing Institute	Department of Extension, The Life Insurance Marketing Institute of Purdue University and The Alberta Life Underwriters' Assn.	Banff	May 16-May 20	31	48
73. Personnel Management	Department of Extension and the Calgary and Edmonton Personnel Associations	Banff	Nov. 14-Nov. 26	90	16
74. Training Conference for Instructors of Supervisors in Industry	Banff School of Fine Arts	Banff	Nov. 7-Nov. 19	65	9

Table II—continued

Short Course, Class or Conference	Sponsor	Where Held	Period	Hours	Attendance
75. Financial Management and Petroleum Accounting	The Petroleum Accountants Society of Western Canada and The Department of Extension	Banff	May 11-May 13	18	84
76. School Administration	Alberta School Trustees' Association, Dept. of Education and Alberta Divisional Secretary-Treasurers Association	Banff	May 30-June 1	15	94
77. Municipal Administration	Dept. of Municipal Affairs, Alberta Assn. of M.D. Secretary-Treasurers	Banff	May 24-May 26	17	47
78. Home and School Workshop in Group Methods	Department of Extension, Alberta Federation of Home and School Associations	Banff	Oct. 17-Oct. 20	16	54
79. Institute on Team Nursing	School of Nursing, Faculty of Medicine, Department of Extension	Edmonton	May 19-May 21	18	35
80. Institute on Team Nursing	School of Nursing, Faculty of Medicine, Department of Extension	Calgary	May 16-May 18	18	37
81. Introduction to Astronomy	Department of Extension and The Astronomical Society	Edmonton	Oct. 1-Dec. 10	12	14
82. Short Course for Librarians of Small Libraries	Alberta Library Association and Dept. of Extension	Edmonton	May 24-May 27	24	21
83. Short Course in Rorschach Psychological Testing	Department of Extension	Edmonton	May 2-May 7	30	7
84. Supervisory Training	Dept. of Extension and School of Commerce	Edmonton	Oct. 11-Feb. 13	32	52
85. Management Development	Dept. of Extension and School of Commerce	Edmonton	Oct. 17-Feb. 20	32	33
86. Personnel Administration	Dept. of Extension and School of Commerce	Edmonton	Oct. 14-Feb. 17	32	31
87. Supervisory Training	Dept. of Extension and School of Commerce	Calgary	Feb. 21-May 22	28	36
88. Management Development	Dept. of Extension and School of Commerce	Calgary	Feb. 20-May 21	28	31
89. Personnel Administration	Dept. of Extension and School of Commerce	Calgary	Feb. 21-May 22	28	34
90. Financial and Accounting Controls	Dept. of Extension and School of Commerce	Edmonton	Feb. 20-May 28	30	20
91. Managing Investments	Dept. of Extension and the Calgary and Edmonton Branches of the Investment Dealers' Association	Edmonton	Jan. 24-Mar. 6	14	63
92. Managing Investments	Dept. of Extension and the Calgary and Edmonton Branches of the Investment Dealers' Association	Calgary	Jan. 24-Mar. 6	14	97
93. Farm Young People's Week	Dept. of Extension, Faculty of Agriculture and School of Household Economics	Edmonton	May 31-June 8	50	103
94. Short Course in Leadership Techniques	The A.W.P., Alberta Cooperative Union, Dept. of Agriculture, Alberta Federation of Agriculture, Farmers' Union of Alberta, U.F. Co-op., U.G.G.	Banff	Oct. 24-Nov. 4	40	38
95. Farmers' Union of Alberta Short Course	Farmers' Union of Alberta and Department of Extension	Lethbridge	Feb. 3	6	40
96. Farmers' Union of Alberta Short Course	Farmers' Union of Alberta and Department of Extension	Daysland	Mar. 25	6	62
97. A.C.W.A. Short Course	Alberta Cooperative Wholesale Assn. and Department of Extension	Vermilion	June 13	6	16

98.	A.C.W.A. Short Course	Alberta Cooperative Wholesale Assn. and Department of Extension	Wetaskiwin	Jun. 16	6	25
99.	A.C.W.A. Short Course	Alberta Cooperative Wholesale Assn. and Department of Extension	Fairview	Nov. 14-Nov. 15	12	15
100.	A.C.W.A. Short Course	Alberta Cooperative Wholesale Assn. and Department of Extension	Grande Prairie	Nov. 17-Nov. 18	12	17
101.	A.C.W.A. Short Course	Alberta Cooperative Wholesale Assn. and Department of Extension	Plamondon	Dec. 6-Dec. 7	12	22
102.	A.C.W.A. Short Course	Alberta Cooperative Wholesale Assn. and Department of Extension	Lethbridge	Feb. 3	6	19
103.	A.C.W.A. Short Course	Alberta Cooperative Wholesale Assn. and Department of Extension	Olds	Feb. 7-Feb. 8	12	21
104.	Oilwell Safety Clinic	P.I.T.S., W.C.B., C.P.A., C.A.O.D.C.	Banff	May 5-May 6	12	136
105.	Casing Technique in Western Canada	Petroleum Industry Training Service	Edmonton	May 25	6	89
106.	Treating Oilfield Emulsions	Petroleum Industry Training Service	Edmonton	Sep. 19-Sep. 23	30	43
107.	Drilling Muds	Petroleum Industry Training Service	Edmonton	Oct. 17-Oct. 22	30	14
108.	Drilling Muds	Petroleum Industry Training Service	Drayton Valley	Nov. 29-Dec. 2	12	25
109.	Drilling Muds	Petroleum Industry Training Service	Valleyview	Dec. 13	3	59
110.	Care and Use of Wire Rope	Petroleum Industry Training Service	Drayton Valley	Jan. 18	3	82
111.	Care and Use of Wire Rope	Petroleum Industry Training Service	Red Deer	Jan. 25	3	65
112.	Care and Use of Wire Rope	Petroleum Industry Training Service	Valleyview	Feb. 13	3	76
113.	Field Handling of Natural Gas	Petroleum Industry Training Service	Edmonton	Jan. 9-Jan. 13	30	132
114.	Casing and Cementing	Petroleum Industry Training Service	Valleyview	Feb. 15	3	94
115.	Casing and Cementing	Petroleum Industry Training Service	Red Deer	Feb. 22	3	80
116.	Casing and Cementing	Petroleum Industry Training Service	Drayton Valley	Feb. 29	3	74
117.	Gas Metering	Petroleum Industry Training Service	Stettler	Feb. 27	3	63
118.	Gas Metering	Petroleum Industry Training Service	Red Deer	Mar. 5-Mar. 9	30	58
119.	Field Handling of Natural Gas	Petroleum Industry Training Service	Calgary	Mar. 14	3	63
120.	Drilling Bits	Petroleum Industry Training Service	Red Deer	Mar. 21	3	54
121.	Drilling Bits	Petroleum Industry Training Service	Stettler	Mar. 28	3	64
122.	Engine Maintenance	Petroleum Industry Training Service	Brooks	Oct. 3-Dec. 10	20	41
123.	Choral Singing and Conducting	Department of Extension	Edson	Oct. 7-Dec. 8	20	27
124.	Choral Singing and Conducting	Department of Extension	Hanna	Feb. 1-Apr. 11	20	37
125.	Choral Singing and Conducting	Department of Extension	Lloydminster	Sep. 27-Dec. 5	20	30
126.	Choral Singing and Conducting	Department of Extension	Medicine Hat	Sep. 20-Nov. 29	20	36
127.	Choral Singing and Conducting	Department of Extension	Olds	Feb. 3-Apr. 13	20	24
128.	Choral Singing and Conducting	Department of Extension	Vegreville	Oct. 5-Dec. 7	20	38
129.	Choral Singing and Conducting	Department of Extension	Red Deer	Nov. 14-Feb. 20	20	29
130.	Music Appreciation	Department of Extension	Grande Prairie	Sep. 1-Sep. 3	24	15
131.	Piano Master Class	Department of Extension	Lethbridge	Oct. 13-Oct. 15	10	25
132.	Drama Workshop	Department of Extension	Coaldale	Oct. 17-Oct. 19	10	15
133.	Drama Workshop	Department of Extension	Red Deer	Feb. 14-Feb. 16	10	10
134.	Drama Workshop	Department of Extension	Edmonton	Oct. 28-Apr. 28	30	15
135.	Drama Workshop	Department of Extension	Athabasca	Oct. 21-Apr. 13	20	25
136.	Community Art Class	Athabasca Art Club	Brooks	Oct. 7-Apr. 21	102	10
137.	Community Art Class	Brooks Art Club	Bentley	Oct. 14-Apr. 6	20	9
138.	Community Art Class	Bentley Art Club	Castor	Oct. 13-Apr. 5	15	30
139.	Community Art Class	Castor Art Club	Camrose	Oct. 13-Apr. 5	15	30
140.	Community Art Class	Camrose Art Club	Camrose	Oct. 15-Apr. 1	20	30

Table II—continued

Short Course, Class or Conference	Sponsor	Where Held	Period	Hours	Attendance
141. Community Art Class	Drumheller Art Club	Drumheller	Oct. 10-Mar. 5	20	30
142. Community Art Class	Fort Saskatchewan Art Club	Fort Saskatchewan	Oct. 19-Mar. 14	12	20
143. Community Art Class	Grande Prairie Art Club	Grande Prairie	Oct. 18-Apr. 10	20	25
144. Community Art Class	Holden Art Club	Holden	Nov. 21-Mar. 19	10	20
145. Community Art Class	High River Art Club	High River	Oct. 3-Apr. 16	19	25
146. Community Art Class	Innisfree Art Club	Innisfree	Oct. 20-Mar. 15	20	7
147. Community Art Class	Kitscoty Art Club	Kitscoty	Oct. 20-Mar. 15	20	4
148. Community Art Class	Lethbridge Sketch Club	Lethbridge	Oct. 5-Apr. 19	96	70
149. Community Art Class	Lloydminster Art Club	Lloydminster	Oct. 20-Mar. 15	20	23
150. Community Art Class	Lacombe Art Club	Lacombe	Oct. 14-Apr. 6	20	20
151. Community Art Class	Meeting Creek Art Club	Meeting Creek	Oct. 15-Apr. 1	20	15
152. Community Art Class	Medicine Hat Art Club	Medicine Hat	Oct. 7-Apr. 6	72	40
153. Community Art Class	Medicine Hat Art Club (Jr)	Medicine Hat	Oct. 7-Apr. 6	30	50
154. Community Art Class	Manville Art Club	Manville	Oct. 20-Mar. 15	20	8
155. Community Art Class	Nanton Art Club	Nanton	Oct. 4-Apr. 17	20	27
156. Community Art Class	Rocky Mountain House Art Club	Rocky Mtn. House	Oct. 11-Apr. 3	16	30
157. Community Art Class	Red Deer Art Club	Red Deer	Nov. 9-Apr. 4	20	15
158. Community Art Class	Suffield Art Club	Suffield	Oct. 7-Dec. 3	24	8
159. Community Art Class	Vulcan Art Club	Vulcan	Oct. 4-Apr. 17	20	20
160. Community Art Class	Viking Art Club	Viking	Nov. 21-Mar. 19	10	30
161. Community Art Class	Wetaskiwin Art Club	Wetaskiwin	Nov. 12-Apr. 7	15	25
162. Community Art Class	Gleichen Art Club	Gleichen	Apr. 25-Apr. 27	11	7
163. Industrial Relations	Society of Industrial and Cost Accountants of Alberta	Calgary	Oct. 3-Apr. 14	80	23

6,294

Table III

STATISTICAL INFORMATION, EXTENSION LIBRARY

Open Shelf

	1955-56	1954-55	Difference
To Open Shelf Readers			
Adult Books	42,106	39,413	2,693
Juvenile Books	5,521	4,547	974
Plays	1,931	2,162	—231
Periodicals and Pamphlets	2,524	3,049	—525
	<u>52,082</u>	<u>49,171</u>	<u>2,911</u>
To Banff School Summer Session			
Books	1,487	1,269	218
Periodicals and Pamphlets	178	163	15
	<u>1,665</u>	<u>1,432</u>	<u>233</u>
Total	53,747	50,603	3,144

Travelling Libraries

	1955-56	1954-55	Difference
Regular Libraries	112	112	.....
Special Libraries	547	439	108
	<u>659</u>	<u>551</u>	<u>108</u>

No. of Volumes in Travelling Libraries

Regular Libraries	4,330	3,920	410
Special Libraries			
(Open Shelf Books)			
Adult	3,972	3,506	466
Juvenile	15,355	11,908	3,447
	<u>23,657</u>	<u>19,334</u>	<u>4,323</u>

Circulation Recorded Outside Library

Banff School	1,120	1,494	—374
Special Libraries	41,391	26,926	14,465
Regular Libraries	4,889	4,015	874
	<u>47,400</u>	<u>32,435</u>	<u>14,965</u>

Book Stock

Books at April 1, 1955	39,070
Accessions	2,749
Withdrawals	288
Increase	<u>2,461</u>
Books at April 1, 1956	<u>41,531</u>

Membership

Open Shelf: 5,921 postal accounts in the three year registration file.
Travelling Libraries were sent to 271 different groups.

Other Statistics

Catalogue cards made	7,684	Overdue notices sent	2,035
Books repaired at Bindery.....	169	Book reserves taken	3,295
Books repaired at Library.....	5,898	Reference questions	
		answered	856

Table IV

STATISTICAL INFORMATION, DIVISION OF VISUAL INSTRUCTION

Number of Moving Picture Films in Library:

Silent, 8 mm. and 16 mm.	524
Canadian Film Institute	16
National Film Board	835
Sponsored Films	221
Sound Films, General	1,431
Total Films in Library	3,026
Number of new films added to the library during the year (included in the above)	124
Number of film strips in library	2,238
Number of sets of 2x2 slides in library	208

Film Circulation

	1955-56	1954-55	Comparison
Number of reels silent film sent out	840	1,141	—301
Number of reels sound film sent out	16,390	20,049	—3,659
Total sets of moving pictures sent out	4,057	5,086	—1,029
Total number of showings of films, sound and silent	5,775	7,362	—1,587
Total audience viewing films	477,430	523,930	—46,500
Number of times projection service supplied	290	300	—10
Number of screenings for groups in screening room	41	74	—33

Slides and Filmstrips

	1955-56	1954-55	Comparison
Number of 2x2 slides sent out	138	223	—85
Number of times slides used	101	179	—78
Total audience viewing slides	4,356	6,729	—2,373
Individual filmstrips sent out	3,713	4,046	—333
Total audience viewing strips	86,653	102,387	—15,764

Table V

GENERAL STATISTICAL SURVEY

Lectures

University teaching staff	633	
Department of Extension staff	572	1,205
Aggregate attendance		75,530
Number of radio talks:		
Extension staff	34	
Regular teaching staff	155	189
Conferences and short courses, Table II.....	6,294	
Studio Theatre attendance	5,657	
Feeders' Day attendance	900	
Breton Field Day	350	1,250

Visual Instruction

Number of 2x2 and standard slides sent out	138	
Number of times slides used	101	
Total audience viewing slides		4,356
Individual filmstrips sent out	3,713	
Total audience viewing filmstrips		86,653
Number of reels of silent film sent out	840	
Number of reels of sound film sent out	16,390	
Total sets of moving picture films sent out	4,057	
Total number of showings of films, sound and silent	5,775	
Total audience viewing films		477,430
Number of times projection service supplied.....	290	
Number of screenings for groups in screening room	41	
Total number of screenings	331	

Library Circulation

Travelling Libraries

Regular Libraries	112 (4,330 vols.)
Special Libraries	547 (19,327 vols.)
Recorded Circulation	46,280

Open Shelf

Adult Books	42,106
Juvenile Books	5,521
Plays	1,931
Periodicals and pamphlets	2,524
Total	52,082

Banff School	1,120
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Study Group Material

Number of Citizens' Forum bulletins sent out	1,120
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New Canadian Plays

Number of copies of New Canadian Plays sold	321
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Publications

Press Bulletin, Seasonal Notes	10,000	
Press Bulletin, Feeders' Day Program	5,000	15,000
Agricultural bulletins sent out during year.....	25,915	
Circulars and other bulletins sent out	1,231	
Mimeos	6,100	33,246
Total number of bulletins distributed since inception of service	657,391	
The New Trail, number sent out		10,270

Recapitulation

Total aggregate attendance at lectures, conferences, schools and short courses; filmstrip programs, moving pictures, Studio Theatre, Field Days	657,170
Total circulation of library books in Open Shelf and Tra- velling Library, Citizens' Forum bulletins, New Canadian Plays	100,923
Total circulation of press bulletins, agricultural publications, the New Trail	58,516



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ANNUAL REPORT

on

Extension

Activities

ANNUAL REPORT
on
Extension Activities of the University
of Alberta
for the Year ending March 31st
1957

Published by
Department of Extension, University of Alberta
Edmonton, Alberta

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Annual Report on Extension Activities

of the

UNIVERSITY OF ALBERTA

for the year ending March 31, 1957

Edmonton, April 27, 1957

Dr. Andrew Stewart,
President, University of Alberta

Mr. President:

I have the honor to submit the forty-fourth annual report on the extension activities of the University for the year ending March 31, 1957.

The quality and the breadth of any university extension program depends in large degree on the interest and enthusiasm of all the members of the university staff. The pages following indicate the generous support which has been given the extension service by all departments, schools and faculties. Some 1,700 talks were given to audiences totalling 100,000. One hundred and ninety radio and television talks were broadcast this year.

As in past years, a considerable amount of time was spent in the preparation of bulletins, in interviews, in the arrangement of field days, the preparation of exhibitions, the organization of Varsity Guest Weekend and other such annual functions. During the term, the University was host to a number of distinguished artists and others eminent in their fields including Kendall Taylor, the British pianist, J.B. Priestley, author and playwright, John Grierson of documentary fame and L. W. Douglas, former ambassador to the Court of St. James.

A necessary reorganization of the University's Department took place this year and was marked by the appointment of Duncan Campbell as Director of the Department. Senator Donald Cameron remains the Director of the Banff School of Fine Arts. A newly appointed Extension Council representing all Departments, Schools and Faculties will serve to coordinate and advise both divisions.

Short Courses, Classes and Conferences

The late Dr. Henry Marshall Tory, in his inaugural address as first President of the University of Alberta, made the following significant observation—"A University should be the most practical of all institutions. It should strive to find the answers to the economic and social problems of common everyday people, and then share its knowledge with them." Extension objectives could hardly be enunciated more clearly. The chief medium of contact with these everyday people is through the ever increasing number of short courses, evening classes and other forms of group assembly and study.

Over the years, the Department of Extension has accepted the responsibility of initiating educational programs in a variety of fields. These programs or projects which have proved their worth tend in turn to reach the stage of independent existence. The nationally known and respected Banff School of Fine Arts now comes of age after a quarter of a century of steady and sometimes spectacular progress.

Other projects which have now achieved independent status are the Evening Credit Program and a program of training workshops formerly held under the sponsorship of the Farmer's Union of Alberta. The evening credit classes are



Registering for Evening Classes

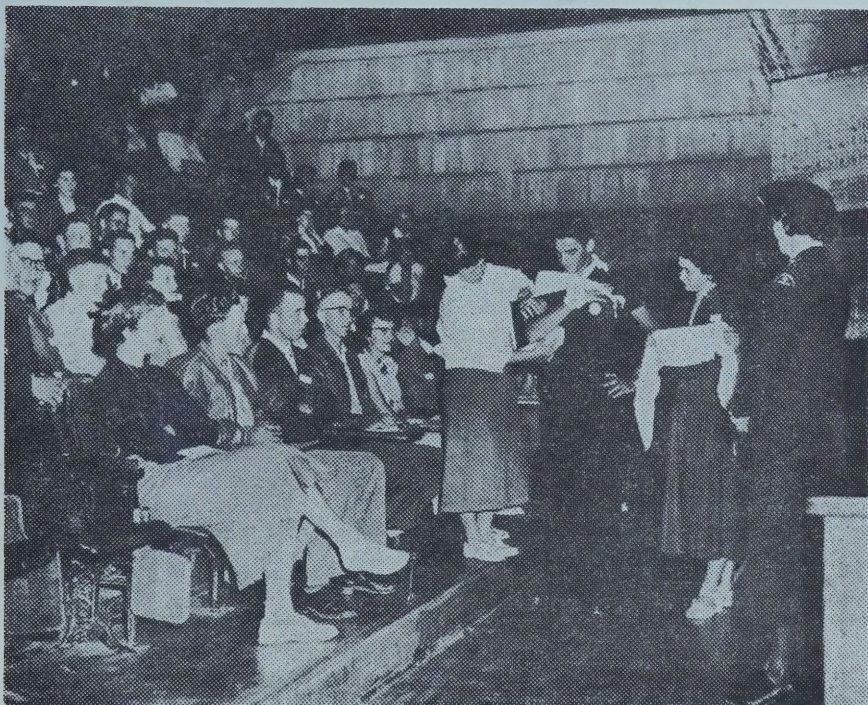
growing steadily and are gradually becoming available at other suitable centres apart from the campus at Edmonton and Calgary. The Farmer's Union of Alberta has this year appointed an Educational Director. Staff from the University's Extension Department continue to be called on for consultation and instructional assistance, a service gladly and freely given. It is a source of satisfaction to note the advances and progress made in other educational projects launched by the University's extension service.

Table II of this report sets out in detail, an ambitious and varied program of educational opportunities offered under the aegis of this Department of Extension. These classes and courses are shown in five divisions according to their various forms of administration and content. This year, several classes of a seminar type were introduced. Among them were Social Philosophy, Effective Reading and Courtship, Marriage and Family Life. These groups were restricted in size and intensive by nature. A good deal of responsibility for preparation and presentation was lodged with the students who responded very well to this new approach.

Some degree of the University's responsibility to the larger community is being met through a series of conferences and work shops held at different points throughout the province. The Rural Leadership Course at Banff, now seven years old, is, despite its title, effective in its task of preparing the young man and woman in rural community organizations to assume his community responsibilities. It is a particularly satisfying experience for staff members

to meet and work with this group of young adults from rural Alberta, many of whom will undoubtedly play important leadership roles in the future.

The annual Farm Young People's Week, now very much the senior extension short course, saw a hundred lively youngsters attending its thirty-eighth annual session.



Farm Young People Study First Aid

The Fine Arts Division has shown significant progress during the past year. Music and Choral Workshops, regular group instruction in drama and Community Art Classes have brought most satisfying results. During the winter months, Miss Bridget Headley did an expert and exciting teaching job in the Peace River country through choral workshops in eight centres. These culminated in a massed choir performance — the first of its kind in the area — and was a significant and thoroughly appreciated affair. Theatre groups and individuals across the province have made their mark in local, regional and provincial festivals, and perhaps gained a lasting personal asset in this creative use of leisure. Community Art Classes have increased in number and scope to tax the physical limitations of the available staff, buoyed up by the appreciation and support of the students. Pottery and Modelling Classes this year have rounded out a balanced offering combining manual dexterity and artistic taste.

Business in Alberta has come to look to the University to supply educational opportunities in a tremendous variety of fields. Some of these are technical and professional, such as the annual refresher courses in School Administration, Municipal Administration and Sanitary Inspection. Supervisory Training, Industrial Relations, Executive Development, Wage and Salary Study, and Personnel Management touch the area of applied psychology.

This year the ambitious would-be prospector, along with the professional, has gleaned valuable pointers from the rock samples and sets prepared for this course and from the businessmen, government officials and geologists who



Identifying rock specimens.

comprised the team of instructors. A practical approach to the social implications and treatment of alcoholism is found in the Medical and Industrial Forum on Alcohol Studies, held in Edmonton. A seminar studying International Affairs in a troubled world finds a logical niche in this most comprehensive program.

The Petroleum Industry Training Service, now a lusty six-year-old, has been giving educational aid over an increased area. The accent this year has been on taking the school to the worker in the field rather than centralizing instruction in Edmonton or Calgary. The industry has shown an increased interest in the preparation of these courses. Active committees with representatives from the leading drilling and production companies are giving useful guidance in selecting course content and are assisting its application through provision of staff and facilities.

Agricultural Extension

The agricultural extension work of the Department of Extension has in large part been directed toward the study of problems relating to rural organization and rural communities. Short courses, the provision of special lectures and the distribution of bulletins have proved the most useful methods.

Bulletins, circulars and leaflets totalling 29,398 were distributed during the year through a mailing list and the district agriculturists. In spite of this coverage, 937 requests for agricultural publications were received and 437

inquiries for specific information were referred to other departments. Some 345 inquiries relating to individual, organizational and community problems were received and dealt with.

Citizens' Forum

A definite effort to increase interest in Citizens' Forum was made by sending out 2,425 copies of the study pamphlets. A mailing list of 148 was established, and numerous single copies were sent out to others interested in a single broadcast or in certain broadcast subjects.

The New Trail

This joint publication of the University and the Alumni Association records the important developments on the campus, summarizes research and reports on other activities of the staff and student body of interest to university people. During the year 10,270 copies of this publication were mailed to our widely dispersed graduates.

Extension Library (See Table III)

Over-all circulation has increased during the year from 99,482 to 114,136. The number of adult books sent by mail from the Open Shelf to families and individuals has increased by about twenty-one per cent, from 42,106 to 51,066;



Travelling libraries ready for shipment.

to 6,952. Six hundred and seventy-four Travelling Libraries—boxes of from thirty-five to forty books—were sent out for three-month periods to 288 small libraries, schools, home and school associations and other community groups of libraries have occasionally neglected to record full circulation figures.

and the number of children's books by about twenty-six per cent, from 5,521 throughout the province, and recorded circulation has increased by about ten per cent, from 46,280 to 50,895. Here it seems very likely that the books have been used more heavily than circulation would indicate, since some custodians

Of the 674 Travelling Libraries sent out, 427 were made up of children's books. The increase of fifteen in the number of libraries over the previous year would undoubtedly have been larger if a larger supply of books had been available. It was impossible to fill all requests promptly, and for a good part of the year there was a waiting list of thirty or more. A larger than usual proportion of the book budget this year has been spent on children's books, and next year it should be possible to deal with requests more adequately.

The Extension Library supplies books to the Banff School of Fine Arts, for courses offered by the Extension Department and for study groups throughout the province. The convener of one such group wrote: "How the women have enjoyed your books! It is the first time any of them have had the privilege of using books from any library."

Little personal contact between the staff and present and prospective readers has been possible. The Acting Librarian took book displays to the Community Life Conferences at Hanna and at Cardston, and during the University Guest Weekend and Farm Young People's Week visitors were shown through the Library. But it is evident that many Albertans do not know of the services offered by the Extension Library. As one reader said: "For years we begged, borrowed and bought books, little realizing that this great store of wealth was to be ours 'All for the Asking'."

An increasing demand for Extension Library service, coupled with several changes in staff, has made this year an exceptionally busy one. Reminders of the appreciation of the service are a regular source of encouragement. An eight-year old boy writes: "I really like the books you send. I can hardly wait till Daddy brings them home." An elderly man writes: "The books are a god-send to shut-ins." Other remarks from readers are: "Herewith \$2.00 for postage. Couldn't buy better service for any amount." "It is a really wonderful service to us who are not near to a lending library. I only wish I had known sooner." "You are doing a very great and necessary service for the rural people of Alberta."

Visual Instruction Division
(See Table IV)

Film circulation from the Visual Instruction Division library which increased rapidly in the post-war years to a peak in 1953-54, dropped decidedly in 1955 and 1956 due in part to the impact of television. Circulation would seem now to have stabilized at least temporarily at a level approximating the 1950-52 distribution. During the year, 17,000 reels of films were sent out as compared with 21,000 in the peak year. Audiences viewing these films however, were 479,000, which is somewhat higher than in the peak year. The use of 2"x2" slides and filmstrips has not changed substantially from last year although audiences have declined. This would suggest that the presentation of still picture material is more and more being confined to teaching purposes and less for general audience use. Generally speaking, circulation of both films and still pictures has followed the pattern experienced by other similar libraries in Canada and the United States on the introduction of television into the community.

Again, and probably due to television, members of the staff of the Visual Instruction Division have noticed a trend towards a more careful use of films in programming on the part of community organizations. Where programs of films of general audience interest were much in demand, requests are increasing for films on specific subjects to supplement and illustrate particular topics. Circulation of films outside the province has declined as film libraries in the adjoining provinces and in the Northwest Territories have grown.

As in the past, though in less formal manner, the Division has done some work in promoting effective use of audio-visual aids and has acted as consultant to schools and organizations needing help in the selection and use of audio-visual equipment and in the selection of visual materials for their own libraries. Schools in particular have made good use of the services of the Division in the choice and purchase of filmstrips.

We would record again our appreciation to the Department of Education and the National Film Board for their cooperation and the many courtesies extended.

Petroleum Industry Training Service

The work of the P.I.T.S. during the year has been particularly successful. An increase in grant revenue from three sponsors, the Canadian Petroleum Association, the Canadian Association of Oilwell Drilling Contractors and the Petroleum and Natural Gas Conservation Board, has permitted an increase in staff and the purchase of much needed training equipment.

Paradoxically, while the support received from the oil industry in the provision of instructors, the loan of training equipment, etc. has been generous, a weakness of the service in the past has been a partial isolation from the industry which it serves. The increase in activity during the last eighteen months has made necessary a new form of organization. Operating under the Advisory Committee to the Petroleum Industry Training Service, there has now been organized a Drilling Training Committee of the C.A.O.D.C., whose function it is to advise on all matters pertaining to training instructors. Similarly, a Production Training Committee comprised of C.P.A. members has been formed to advise on the type and content of production training courses.

One of the main functions of the P.I.T.S. initially was that of providing a safety service for drilling companies not sufficiently large to employ their own safety supervisor. In the seven years of P.I.T.S. operation, this program has been extremely successful, and in all, seventeen companies have been provided with safety service. The original objectives now having been achieved, instruction on safety practices in the future will be incorporated in all training schools.

During the year under review, eighteen courses on technical subjects and in supervisory training were offered. Members of the staff visited three provinces and arranged and organized seventy-six schools which were attended by approximately 2,500 men. This is a considerable increase over the thirty-nine courses, with a total attendance of 896, offered during the years 1953-54-55. Of particular interest were such projects as the schools 'Unitized Operation of Oil Pools', 'Reservoir Engineering' and 'Treating Oilfield Emulsions'. These were new approaches and most successful.

Fine Arts Division

It is a source of satisfaction to record that the University's link with cultural life is strong. Through the medium of classes, meeting regularly at dif-

ferent points in the province, through intensive brief short courses and workshops and through the assistance and advice they have provided to individuals and groups, the extension specialists in the arts have made a notable contribution.

Music

The Choral Workshop approach to extension work in music continues to be a main area of endeavour because the interest and demand for instruction in Choral Singing and Conducting remains high. In fact during the year, four part-time instructors were employed to help meet this demand. The number of Choral Workshops held in the past year has increased from seven to twelve. A concert, featuring a chorus made up of members of the Workshops, has been held at the conclusion of each series of classes. It has been satisfying to note that in most instances, the chorus has continued as a Community Choral group.

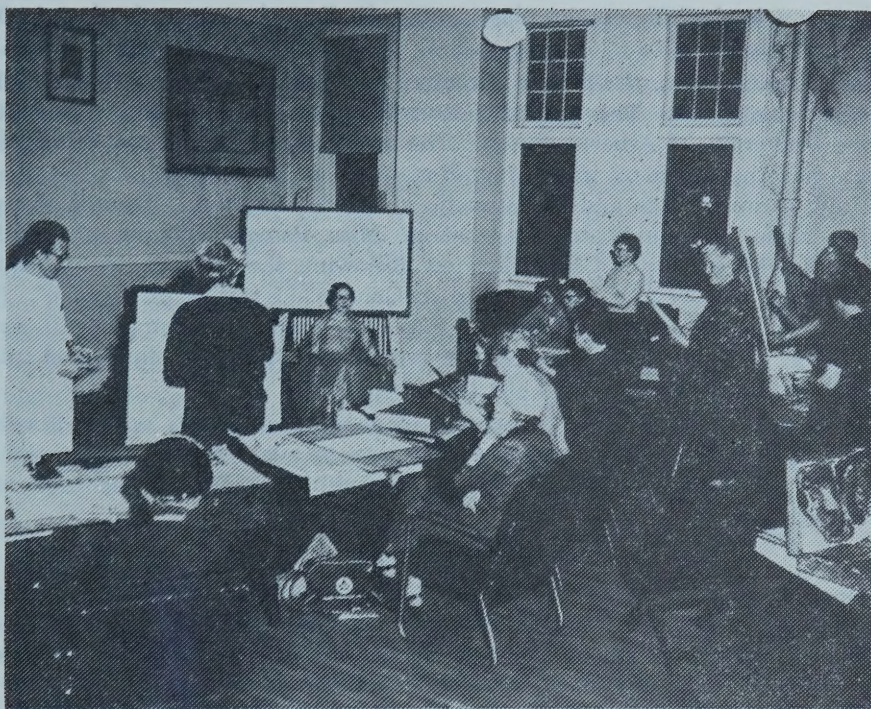
An outstanding part of the Extension Music program during the past year was a series of courses in choral work launched in eight centres in the Peace River area. Miss Bridget Headley, engaged as a sessional instructor, made her home in the North and gave four lectures a week from October to April. More than three hundred and fifty people registered for the ten week period, an average of forty-four per course with a most gratifying response. One singer with gnarled hands and ruddy face, on being asked why he joined the course, replied, "We have about licked the wilderness. I thought it was about time to start homesteading the cultural field". A Choral Festival featuring a massed choir of over two hundred of these students was a stimulating climax to this project. Plans are already underway to make the Peace River Choral Festival an annual event. The Extension Specialist was responsible for three Master Classes in Piano, one sponsored by the Extension Department and the others under local sponsorship. Kendall Taylor, pianist was heard in an Edmonton recital through the joint sponsorship of the University and local music organizations.

The University Mixed Chorus continues to be an outstanding public relations approach for the University as well as a noteworthy musical event. The annual spring tour in May 1956 included several towns in southern Alberta and in the Okanagan area of B.C. Choral Music of a high standard is presented each year in a dozen centres and these students are competent ambassadors of the University in almost four hundred homes.

Painting

The Community Art Class program of the university expanded considerably during the year under review. Twenty-five classes were held in nineteen centres with a total attendance of 473. Course content has been so arranged to permit a progressive development from year to year by the students. Emphasis has been put on a definite program for beginners as well as advanced students.

Two part-time instructors were engaged to help meet the increased demand for instruction. Film strips, two lecture tapes and art films were circulated as supplementary material. Planning meetings held with the executive of the local organization ensured a close relation between instruction and the class needs. Constructive criticism of student work was a feature of each class. Intensive Summer Short Courses in painting were arranged in Medicine Hat and Ralston and enthusiastically received.



An Extension Art Class

A steadily increasing number of students from Community Art Classes are attending Banff School of Fine Arts. (Sixty percent of the Banff School of Fine Art's scholarships in painting went to Community Art Class students in 1955). The work of three students was accepted at the annual exhibition of the Alberta Society of Artists and six community art class students were among the thirteen western Canadian amateur artists whose work was accepted at the Canadian National Exhibition in Toronto. A travelling exhibition of forty-five Community Art Class pictures illustrating the work done in the province was selected and shown throughout Alberta. Local exhibitions reveal a very satisfactory improvement in the technical ability of the students and have prompted greater public response.

Drama

A heightened interest in drama occasioned by the movement of the Dominion Drama Festival to Alberta this year has been evident in groups across the province.

Through correspondence and the provision of appropriate study materials and particularly through personal visits and sustained training courses, the extension specialist in drama has met an increasing demand from groups for help in choosing plays, in play production, in direction, make-up and staging. Thirteen drama workshops were arranged and held during the course of the year, at various points in the province. Of these centres, five were receiving instruction for the first time. The remainder were doing advanced work made possible through the training in previous years. Quite apart from these courses, with their more formal framework, 78 lectures, demonstrations and adjudications were prepared and presented by the Extension Specialists. In

addition, a total of 57 one act plays were adjudicated at ten school and community festivals.

An essential part of effective community drama is the expert behind-the-scenes organization. This job of liaison has been an important contribution of the University of Alberta drama. The results—publicity noted by adjudicators—have been evident in the overall standard of the productions, the smooth working arrangements and enthusiastic audience reception. Typical of comments made by adjudicators is that of Miss Pamela Stirling of London, England, who said in a CBC interview following the 1956 Regional Festival at Medicine Hat, "I saw good theatre in Canada. I saw it in Alberta". The forecast of many more entries in the 1958 Regional Festival will make necessary, for the first time, a pre-regional festival for three act plays in both the north and south of the province.

It has been said that the foundation of good theatre rests on the development of playwrights. The response this year to a playwrighting competition arranged by the University in conjunction with the I.O.D.E. has been most encouraging.

Staff

Once again it is a pleasure to record our appreciation of the interest, the practical assistance and the painstaking effort of all members of the University staff which alone have made possible this broad and vigorous extension program. One of the great sources of satisfaction for the extension worker is the invariably cordial cooperation offered and the response met from business and industry, government agencies, farm and professional organizations and numerous small community organizations. This report should certainly include an expression of thanks in particular to all members of the staff of the Department of Extension who have carried a heavy load cheerfully and well.

This report records with regret the resignation of Miss Flora Macleod, Extension Librarian and of John H. Wilson who leaves to join the C.A.O.D.C., a sponsor of the P.I.T.S. Word of the untimely death of Hugh O. Murray of the P.I.T.S., while in the field, was received with profound regret by all members of the staff. Mr. W. H. McKay was appointed this year Supervisor of the Petroleum Industry Training Service. He is joined by Mr. Frank Gee of Calgary in the capacity of Drilling Training Instructor.

Banff School of Fine Arts

The Banff School of Fine Arts and Centre for Continuing Education continued its steady growth and development during the year. Four hundred and eighty-seven persons made a total of five hundred and fifty-eight registrations in the Fine Arts program extending from July 18th to September 12th. As the figures indicate, a number of students were registered in more than one course, such as the student who takes painting in the morning and ceramics or writing in the afternoon. An arrangement of this kind is permitted only in the case of students who are not taking the courses for certification or credit.

The largest numbers of students were enrolled in the painting and music divisions with ballet next and then drama in that order. Enrolments in handicrafts, particularly weaving, are increasing and the registration in ceramics taxed the limited space to capacity. Equally enthusiastic were the students in the Oral French, creative writing and photographic divisions, with the result that the 24th Annual Summer Session was one of the strongest and best balanced since the School began twenty-four years ago.

The Banff Summer Festival, which used to be limited to the last week of the School, has now been extended to the point where on twenty out of a total of forty nights during the main summer session, there are either recitals, panel discussions, plays, operas, ballet performances or exhibitions which are open to the public.

The major works produced in 1956 were: a workshop production of Kurt Weill's folk opera "Down in the Valley" and a full-fledged production of Mozart's "Abduction from the Seraglio", under the leadership of Dr. Ernesto Vinci and Mrs. Eileen Higgin. Still in the musical field, Professor R. S. Eaton and the Banff School's ninety voice choir gave a thrilling performance of Mozart's Requiem Mass. In addition, recitals were given by Dr. Vinci, Mr. and Mrs. Clayton Hare, the Williams' String Quartet, and by groups of advanced students in the vocal and instrumental fields. For the first time in the history of the School one of its productions, the opera "Abduction from the Seraglio" was taken to Calgary where it was performed before a large and appreciative audience in the Grand Theatre.

The drama division continued its very successful plan of putting on two evenings of "Excerpts from Shakespeare". This annual program of selections from the more important and dramatic of Shakespeare's plays is put on in cooperation with the ballet division, which, under the direction of Miss Gwennyth Lloyd of the Royal Winnipeg Ballet and Miss Betty Farally of the same organization, usually makes for a first class evening's entertainment. The final production of the drama division was a good two-evening production of "The Admirable Crichton". The division was again under the direction of Miss Esther Nelson and she was assisted by Miss Bette Anderson, Dr. Van Machlin of New York, Donald Pimm of Edmonton, Ralph Margetts of Chico, California and Carl White of Iowa City.

A talented group of pianists performed under the leadership of Professor Randolph Hokanson of the University of Washington, while the strings section was again under the direction of Clayton Hare, who is now Dean of Music at the University of Portland. The weaving division under Mrs. Ethel Henderson of Winnipeg and Mrs. Mary Sandin of Edmonton had one of its best years with some thirty enthusiastic weavers working almost day and night. The ceramists and potters under Mrs. Sybil Laubenthal of Edmonton turned out a great variety of very interesting work and here again it was often necessary to practically shoo the students out of the lab so that it could be locked up at ten o'clock at night. Good quality work was turned in by the students in creative writing and in the photographic divisions. Professor Sylvan Karchmer of the University of Oregon and Dr. Denis Godfrey of the University of Alberta were in charge of the writers and Professor W. V. Crich of Toronto had a most enthusiastic group of photographers in his classes. A large class of painters under instruction from H. G. Glyde, M. W. MacDonald, W. J. Phillips, Charles Stegeman, Francoise Andre and Harry Wohlfarth made the most of the summer of almost perfect weather and turned in a large number of canvasses of great variety and interest. The exhibition of paintings during the last week of the School drew interested crowds for days. The crowning achievement for the painters, crafters and photographers came in the very fine joint exhibition which was tastefully and artistically arranged by the artists in cooperation with Mrs. Helen Bentley of the Interior Decoration section. Altogether, 1956 can be entered in the records as one of the best years since the School was established in 1933.

While the Banff school of Fine Arts is best known for its work in the fine arts, it is rapidly developing into the foremost residential adult education centre in Canada. In the months apart from July and August some fifty-eight groups with a total registration of 5,500 people spent from as little as three days to as much as six weeks in intensive short courses at the School. These included church groups of many denominations holding workshops and leadership training programs of one kind or another; citizenship groups working towards the integration of Canada's many immigrants; home and school groups discussing education in all its many phases; business short courses in personnel management, executive training, supervisory training, life insurance marketing and leadership training for the rural community. Hence the second part of the School's title: "Centre for Continuing Education" is becoming a significant reality in Canadian education.

The Banff School of Advanced Management

Started as an experiment in 1952 by the University of Alberta, the Banff School of Advanced Management has in six years grown to one of the important management training centres in Canada. Beginning with an enrolment of 24 executives in 1952, the School has grown to 35 in 1953; 68 in 1954; 69 in 1955; 77 in 1956 and to 92 in 1957. While the original class was mainly from Alberta, the 1957 registration came from six of the Canadian provinces and from some of the states of United States. Although started by the University of Alberta, the School is sponsored as a cooperative venture between the four universities of Alberta, British Columbia, Saskatchewan and Manitoba. Among the executives attending the annual six week sessions are representatives of most Canadian industries and businesses. The 1957 class as an example included 18 men from the petroleum and petro-chemical industries; 9 from the lumber and forest industries; 4 from manufacturing; 4 from merchandising; 7 from cooperatives in grain handling and wholesaling; 3 from banking; 2 from newspapers; 3 from mining; from utilities, 7; wholesale distribution, 9; metal manufacturing and fabricating, 6; life insurance, 4; government and armed services, 2; professional, 2; and miscellaneous, 13.

The subject matter of the program presented by a combination of the lecture, seminar and case methods of study includes: The Canadian Economic Scene, Business Policy, Human Relations, Labor Relations, Personnel Administration, Financial Controls, Financing Enterprise, Production Management, Marketing, and Government and Business. Careful attention is paid to securing the maximum degree of student participation by organizing the class into a number of study groups of not more than seven or eight people. These groups meet for two hours every evening five evenings a week for the purpose of discussing and analysing practical business cases and problems which have been assigned to them in class. Emphasis is placed on keeping the course as practical as possible consistent with providing the maximum amount of background information necessary to the proper discussion of the topics. The course is also designed to develop a wider horizon and a new sense of the increasingly important dual role that the executive must play in his community as business man and citizen.

The School is staffed by a highly qualified group of twelve university instructors and business men brought together from all over Canada and the United States, but the core of the teaching staff necessary to maintain continuity is provided by Schools of Commerce of the four participating universities. These men have discharged their responsibilities so well that

in each of the last three years a substantial number of students have had to have their applications for admission deferred one year. In spite of careful screening of candidates and deferments, the demand has continued to grow to such an extent that from this year forward it is proposed to organize two schools a year; one to be held in November and December and the second at the usual time in February and March. The great demand for this type of executive training is at once a reflection of Canada's thriving economy and a portent of a new and closer relationship between adult education and the business community.

The Short Course in Executive Development

The fourth annual Short Course in Executive Development was held at the Banff School of Fine Arts from March 18th to 30th and immediately following the Banff School of Advanced Management. The purpose of this short course is to provide an opportunity for a younger group of executives and for those who cannot get away from their businesses for six weeks to take a more limited but equally intensive version of the advanced management course. The subjects are fewer in number being limited to three or four at the most. These were: Human Relations, Labor Relations, Financing Enterprise, and Financial Controls. The staff, as in the case of the advanced management program, is recruiting from Canadian and American universities and from business. The enrolment at the present time comes mainly from the four western provinces and this year numbered twenty-two.

Table I—Record of Extension Activities during year 1956-57

Faculty or Department	Lectures or Demonstrations		Radio or TV Talks		Estimated Aggregate Lecture Attendance		Staff Members Reporting
	1955-56	1956-57	1955-56	1956-57	1955-56	1956-57	1956-57
Agriculture	130	140	38	8	14,945	17,365	19
Arts and Science (incl. School of House. Ec.)	267	272	71	64	11,961	28,403	45
Dentistry	19	11	5	1	1,138	600	3
Education	94	157	25	20	6,244	16,902	16
Engineering	8	26	4	....	725	1,030	8
Law	17	3	....	....	1,190	300	2
Medicine (incl. School of Nursing)	40	166	4	18	1,945	6,371	24
Pharmacy	43	34	3	....	2,862	3,555	4
*School of Commerce .....	....	191	....	1	....	3,378	4
School of Phys. Ed.	15	22	6	7	1,190	1,073	4
Dep't. of Extension	572	718	34	29	31,255	21,666	12
TOTALS	1,205	1,740	190	148	73,455	100,643	141

* 1955-56 figures included with Arts and Science.

Table II—Short Courses, Classes, Workshops and Conferences Arranged and Organized by the Department of Extension

Short Course, Class, Conference or Workshop	Co-sponsors	Location	Period	Hours	Attendance
A. EVENING DIVISION					
1. Essentials of Written English		Edmonton	Oct. 15-Mar. 25	30	24
2. Social Philosophy		Edmonton	Oct. 15-Mar. 25	30	10
3. Life Painting		Edmonton	Oct. 15-Mar. 25	40	19
4. Fundamentals of Drawing		Edmonton	Oct. 15-Mar. 25	40	22
5. French Conversation		Edmonton	Oct. 16-Feb. 12	46	15
6. French Conversation		Edmonton	Oct. 16-Feb. 13	46	16
7. Portrait Painting		Edmonton	Oct. 17-Mar. 27	40	15
8. Pictorial Composition		Edmonton	Oct. 17-Mar. 27	40	41
9. Elementary Security Analysis for the Wise Investor		Edmonton	Oct. 18-Dec. 6	12	24
10. Art History and Appreciation		Edmonton	Oct. 18-Jan. 10	15	13
11. Psychology of Personal and Social Adjustment		Edmonton	Oct. 23-Feb. 19	23	52
12. Conference Course in Ukrainian		Edmonton	Oct. 24-Jan. 30	18	25
13. Four Gospels		Edmonton	Oct. 25-Jan. 17	15	14
14. Effective Reading		Edmonton	Oct. 29-Jan. 28	15	37
15. Effective Reading		Edmonton	Oct. 31-Jan. 30	15	49
16. Public Speaking		Edmonton	Nov. 13-Feb. 12	30	53
17. Income Tax Procedure in Business		Edmonton	Jan. 14-Mar. 18	15	33
18. Fundamentals of Gardening		Edmonton	Jan. 14-Mar. 18	15	30
19. Chairmanship		Edmonton	Jan. 16-Mar. 25	15	20
20. Comparative Religion		Edmonton	Jan. 16-Mar. 6	15	39
21. Courtship, Marriage and Family Life		Edmonton	Jan. 16-Mar. 20	15	14
22. Geology		Edmonton	Jan. 17-Apr. 4	18	48
23. Life Painting and Drawing		Edmonton	Jan. 24-Apr. 11	24	12
24. Effective Reading		Calgary	Jan. 29-Apr. 2	20	29
25. Landscaping the Small Lot		Calgary	Jan. 29-Apr. 16	18	49
26. French Conversation		Calgary	Jan. 30-May 8	23	14
27. French Conversation		Calgary	Jan. 30-May 9	23	18
28. Law in Action		Calgary	Jan. 30-Apr. 3	15	35
29. Effective Reading		Calgary	Jan. 29-Apr. 2	20	18
30. Effective Reading		Calgary	Feb. 13-Apr. 3	20	18
31. Psychology of Personality and Adjustment		Calgary	Jan. 31-May 9	23	44
B. RURAL, COMMUNITY AND AGRICULTURAL SHORT COURSES AND CONFERENCES					
32. Soil Inspection	Dept. of Soils, Provincial Dep't. of Lands and Forests	Edmonton	May 7-May 9	18	24
33. Farm Young Peoples' Week	Faculty of Agriculture, School of Household Economics	Edmonton	June 5-June 13	45	102
34. Community Forum	Hanna Community	Hanna	July 26-July 28	24	60
35. Community Forum	Cardston Community	Cardston	Aug. 2-Aug. 4	24	35

36.	United Nations Summer School for high school students	Alberta Branches, U.N. Association of Canada	Aug. 22-Aug. 27	33	79
37.	Rural Leadership Techniques	A.W.P.; U.G.G.; F.U.A.	Oct. 29-Nov. 9	88	27
38.	Western Citizenship Conference	Juniors; U.F.A. Co-Op, Canadian Council of Christians and Jews	Sept. 9-Sept. 14	30	34
39.	Committee Members' Workshop	Vesgreville Exhibition Association	Jan. 10-Jan. 11	10	30
40.	F.U.A. Workshops	F.U.A.	Mar. 5-Mar. 6	12	62
41.	F.U.A. Workshops	F.U.A.	April 10	6	65
42.	F.U.A. Workshops	F.U.A.	April 11	6	50
43.	F.U.A. Workshops	F.U.A.	April 12	6	40
44.	F.U.A. Workshops	F.U.A.	April 6	6	35
45.	F.U.A. Workshops	F.U.A.	Apr. 19-Apr. 20	12	27

C. FINE ARTS, EXTENSION CLASSES AND WORKSHOPS

46.	Community Art Classes	High River	Oct. 1-Apr. 1	18	9
47.	Community Art Classes	Nanton	Oct. 1-Apr. 1	55½	38
48.	Community Art Classes	Vulcan	Oct. 2-Apr. 2	26	16
49.	Community Art Classes	Lethbridge	Oct. 3-Apr. 3	31	24
50.	Community Art Classes	Ralston	Oct. 4-Apr. 4	42	15
51.	Community Art Classes	Medicine Hat	Oct. 5-Apr. 6	75	75
52.	Community Art Classes	Grande Prairie	Oct. 8-Mar. 12	29	21
53.	Community Art Classes	Ft. Saskatchewan	Oct. 10-Apr. 10	21	14
54.	Community Art Classes	Lloydminster	Oct. 11-Mar. 14	23	25
55.	Community Art Classes	Athabasca	Oct. 12-Mar. 15	43	34
56.	Community Art Classes	Sylvan Lake	Oct. 15-Apr. 8	27	30
57.	Community Art Classes	Drumheller	Nov. 20-Mar. 19	16½	14
58.	Community Art Classes	Castor	Oct. 17-Apr. 10	37	33
59.	Community Art Classes	Lacombe	Oct. 18-Apr. 11	24½	15
60.	Community Art Classes	Banff	Oct. 17-Apr. 18	57	14
61.	Community Art Classes	Red Deer	Oct. 19-Apr. 12	22½	15
62.	Community Art Classes	Wetaskiwin	Oct. 20-Apr. 13	19½	15
63.	Community Art Classes	Canrose	Oct. 20-Apr. 13	20½	15
64.	Community Art Classes	Viking	Oct. 24-Mar. 27	24	25
65.	Short Course in Art	Medicine Hat	June 4-June 9	60	12
66.	Short Course in Art	Ralston	July 30-Aug. 3	40	14
67.	Choral Workshops	Banff	Oct. 1-Dec. 3	20	49
68.	Choral Workshops	Cochrane	Oct. 3-Dec. 5	20	36
69.	Choral Workshops	Beaverlodge	Oct. 15-Dec. 17	20	32
70.	Choral Workshops	Grande Prairie	Oct. 16-Dec. 18	20	44
71.	Choral Workshops	Ft. St. John	Oct. 18-Dec. 20	20	30
72.	Choral Workshops	Dawson Creek	Oct. 19-Dec. 21	20	20
73.	Choral Workshops	Fairview	Jan. 14-Mar. 18	20	67
74.	Choral Workshops	Peace River	Jan. 15-Mar. 19	20	45
75.	Choral Workshops	McLennan	Jan. 17-Mar. 21	20	83
76.	Choral Workshops	High Prairie	Jan. 18-Mar. 22	20	30
77.	Choral Workshops	Thorsby	Jan. 21-Mar. 25	20	46
78.	Choral Workshops	Stettler	Feb. 11-Apr. 15	20	42
79.	Harmony and Counterpoint	Edmonton	Nov. -Dec. 18	25	8
80.	Modelling and Sculpture	Edmonton	Oct. 4-Mar. 7	40	19

Table II—continued

Short Course, Class, Conference or Workshop		Co-sponsors		Location	Period	Hours	Attendance
81.	Pottery			Edmonton	Oct. 15-Apr. 15	144	12
82.	Pottery			Edmonton	Oct. 9-Apr. 2	144	12
83.	Master Class in Pianoforte			Grande Prairie	Aug. 30-Sept. 1	24	8
84.	Drama Workshop	Brooks Little Theatre		Brooks	Apr. 10-Apr. 12	10	19
85.	Drama Workshop	Recreation Commission		Jasper Place	Apr. 8-May 5	10	10
86.	Drama Workshop	Medicine Hat Civic Theatre		Medicine Hat	Apr. 24-Apr. 26	10	11
87.	Drama Workshop	Ralston Experimental Players		Ralston	May 14-May 16	01	22
88.	Drama Workshop	Home and School Association		Stettler	Sept. 25-Sept. 27	10	16
89.	Drama Workshop	Playgoers of Lethbridge		Lethbridge	Oct. 2-Oct. 4	10	26
90.	Drama Workshop	Ralston Experimental Players		Ralston	Oct. 9-Oct. 11	10	12
91.	Drama Workshop	Calgary Drama Council		Calgary	Oct. 17-Oct. 19	10	19
92.	Drama Workshop	Coaldale Little Theatre		Coaldale	Oct. 22-Oct. 25	12	15
93.	Drama Workshop	Taber Kiwanis Club		Taber	Nov. 6-Nov 8	10	8
94.	Drama Workshop	Stettler Home and School		Stettler	Nov. 21-Dec. 10	12	10
95.	Advanced Acting	Recreation Commission		Edmonton	Nov. 2-Apr. 3	40	15
96.	Drama Workshop	Athabasca Concert Party		Athabasca	Mar. 5-Mar. 26	12	22
D. BUSINESS, INDUSTRIAL and PROFESSIONAL COURSES							
97.	Medical and Industrial Forum on Alcoholic Studies	Alcoholism Foundation of Alberta		Banff	April 2-April 5	20	127
98.	Librarians of Small Libraries	Alberta Library Association		Lethbridge	May 22-May 25	20	20
99.	Financial Management and Petroleum Accounting	Petroleum Accountants Society		Banff	May 16-May 18	15	78
100.	Life Insurance Marketing	Alberta Life Underwriters Association; Life Insurance Marketing Institute of Purdue University		Banff	June 11-June 16	27	56
101.	School Administration	Dept. of Education, A.S.S.A.; A.S.T.A.		Banff	June 18-June 20	15	113
102.	Municipal Administration	Dept. of Municipal Affairs, A.A.M.S.T.		Banff	June 20-June 22	15	66
103.	Industrial Organization and Management	School of Commerce		Edmonton	Oct. 1-Feb. 23	30	27
104.	Clinical Medicine for Chiroprodists	Alberta Chiroprodists Association		Edmonton	Oct. 1-Oct. 2	12	7
105.	Accounting I	Society of Industrial and Cost Accountants		Edmonton	Oct. 2-Feb. 26	30	28
106.	Accounting I	Society of Industrial and Cost Accountants		Edmonton	Oct. 2-Feb. 26	30	23
107.	Accounting I	Society of Industrial and Cost Accountants		Edmonton	Oct. 2-Feb. 26	30	13
108.	Fundamentals of Cost Accounting	Society of Industrial and Cost Accountants		Edmonton	Oct. 2-Feb. 26	30	24
109.	Business Mathematics	Society of Industrial and Cost Accountants		Edmonton	Oct. 2-Feb. 28	30	47
110.	Accounting II	Society of Industrial and Cost Accountants		Edmonton	Oct. 4-Mar. 1	30	35
111.	Accounting I	Society of Industrial and Cost Accountants		Edmonton	Oct. 1-Feb. 25	30	25
112.	Accounting I	Society of Industrial and Cost Accountants		Calgary	Oct. 1-Feb. 25	30	21
113.	Accounting I	Society of Industrial and Cost Accountants		Calgary	Oct. 1-Feb. 25	30	16
114.	Fundamentals of Cost Accounting	Society of Industrial and Cost Accountants		Calgary	Oct. 2-Feb. 26	30	19
115.	Accounting II	Society of Industrial and Cost Accountants		Calgary	Oct. 1-Feb. 25	30	38
116.	Industrial Organization and Management	Society of Industrial and Cost Accountants		Calgary	Oct. 4-Feb. 28	30	34

117. Business Mathematics	Society of Industrial and Cost Accountants	Calgary	Oct. 5-Mar. 1	30	31
118. Business Mathematics	Society of Industrial and Cost Accountants	Calgary	Oct. 5-Mar. 1	30	29
119. Supervisory Training	School of Commerce	Edmonton	Oct. 22-Feb. 12	28	30
120. Supervisory Training	School of Commerce	Edmonton	Oct. 23-Feb. 13	28	25
121. Supervisory Training	School of Commerce	Calgary	Oct. 23-Feb. 13	28	26
122. Management Development	School of Commerce	Edmonton	Oct. 22-Feb. 12	28	17
123. Organization Study	School of Commerce	Edmonton	Oct. 24-Jan. 30	28	17
124. Wage and Salary	School of Commerce	Edmonton	Oct. 24-Jan. 30	28	11
125. Management Development	School of Commerce	Edmonton	Oct. 25-Jan. 24	28	11
126. Personnel Administration	School of Commerce	Calgary	Oct. 25-Jan. 24	28	14
127. Personnel Administration	School of Commerce	Calgary	Oct. 25-Jan. 24	28	14
128. Personnel Management	Calgary & Edmonton Personnel Associations	Edmonton	Oct. 26-Feb. 1	28	21
129. Prospecting	G.I.M.M. and Alberta N.W. Chamber of Mines	Banff	Nov. 18-Dec. 1	57	15
130. English Usage	Investment Dealers Association	Edmonton	Jan. 17-Feb. 28	20	64
131. English Usage	Investment Dealers Association	Edmonton	Jan. 19-Mar. 16	16	28
132. English Usage	Investment Dealers Association	Correspondence	Jan. 19-Mar. 16	16	9
133. Managing Investments	Investment Dealers Association	Calgary	Mar. 23-May 18	16	14
134. Managing Investments	Investment Dealers Association	Edmonton	Jan. 24-Mar. 6	11	67
135. International Affairs Seminar	School of Commerce	Calgary	Jan. 24-Mar. 6	11	77
136. Wage and Salary Study	School of Commerce	Edmonton	Feb. 13-Apr. 17	20	10
137. Supervisory Training	School of Commerce	Calgary	Feb. 18-May 20	28	22
138. Supervisory Training	School of Commerce	Edmonton	Feb. 18-May 27	28	26
139. Maternal Health Course	School of Nursing, Provincial Department of Health	Edmonton	Feb. 18-May 27	28	22
140. In Service Training for Sanitary Inspectors	Canadian Institute of Sanitary and Faculty of Agriculture	Edmonton	Mar. 18-Mar. 29	60	27
			Apr. 8-Apr. 13	36	34

E. PETROLEUM INDUSTRY TRAINING SERVICE COURSES

141. Oilwell Drilling Safety Clinic	Canadian Petroleum Association	Banff	May 3-May 4	48	283
142. Drilling Bits	Canadian Petroleum Association	Sundre	May 15	6	63
143. Engine Maintenance	C.A.O.D.C.	Red Deer	May 16	6	67
144. Geology	C.A.O.D.C.	Edmonton	June 1-June 30	120	16
145. Job Instruction Training	C.A.O.D.C.	Drayton Valley	June 1-June 15	10	10
146. Pumping Engines and Units	P. & N.G.C.B.	Drayton Valley	June 11-June 22	30	31
147. Vapour and Gravity Control	P. & N.G.C.B.	Drayton Valley	June 14-June 21	6	35
148. Sucker Rod Pumps	P. & N.G.C.B.	Drayton Valley	June 12-June 19	6	43
149. Sucker Rod Pumps	P. & N.G.C.B.	Devon	June 25	6	56
150. Vapour and Gravity Control	P. & N.G.C.B.	Devon	June 26	6	52
151. Vapour and Gravity Control	P. & N.G.C.B.	Devon	June 29	6	39
152. Sucker Rod Pumps	P. & N.G.C.B.	Red Water	June 28	6	60
153. Mud School	P. & N.G.C.B.	Red Water	July 3-July 5	9	30
154. Mud School	P. & N.G.C.B.	Olds	July 17-July 19	9	33
155. Care and use of Wire Rope	P. & N.G.C.B.	Valleyview	July 25	6	34
156. Drilling Bits	P. & N.G.C.B.	Ft. St. John	July 26	6	25
157. Engine Maintenance	P. & N.G.C.B.	Estevan	August 20	6	62
158. Drilling Bits	P. & N.G.C.B.	Estevan	August 21	6	79
159. Supervisory Training	P. & N.G.C.B.	Estevan	Aug. 17-Aug. 19	6	6
160. Handling Wire Line	P. & N.G.C.B.	Sundre	September 19	6	15

Table II—continued

Short Course, Class, Conference or Workshop	Co-sponsors	Location	Period	Hours	Attendance
161. Handling Wire Line	P. & N.G.C.B.	Buck Lake	September 20	6	30
162. Handling Wire Line	P. & N.G.C.B.	Olds	October 19	3	4
163. Supervisory Training	P. & N.G.C.B.	Red Deer	Oct. 16-Oct. 17	6	15
164. Gas Metering	P. & N.G.C.B.	Red Water	October 23	3	36
165. Gas Metering	P. & N.G.C.B.	Camrose	October 26	3	25
166. Treating Oilfield Emulsions	P. & N.G.C.B.	Edmonton	Nov. 19-Nov. 23	30	52
167. Introduction to Reservoir Engineering	P. & N.G.C.B.	Calgary	Nov. 27-Nov. 30	12	73
168. Drill Pipe	P. & N.G.C.B.	Drayton Valley	December 13	6	15
169. Drill Pipe	P. & N.G.C.B.	Olds	December 19	6	37
170. Gas Metering	P. & N.G.C.B.	Drayton Valley	January 16	3	25
171. Gas Metering	P. & N.G.C.B.	Drayton Valley	January 17	3	25
172. Unitized Operation of Oil Pools	P. & N.G.C.B.	Calgary	Jan. 30-Feb. 1	9	271
173. Drilling Bits		Valleyview	April 4	6	88
174. Engine Maintenance		Sundre	April 24	6	50
175. Engine Maintenance		Drayton Valley	April 18	6	80
176. Engine Maintenance		Camrose	April 13	6	19
177. Engine Maintenance		Edmonton	April 11	6	64
178. Engine Maintenance		Valleyview	April 6	6	56
					<u>6,274</u>

TABLE III—STATISTICAL INFORMATION, EXTENSION LIBRARY

Open Shelf

	1955-56	1956-57	Difference
Adult books	42,106	51,066	8,960
Plays	1,931	1,719	—212
Periodicals and pamphlets	2,524	2,577	53
Juvenile books	5,521	6,952	1,431
	52,082	62,314	10,232

Travelling Libraries

No. of Travelling Libraries sent out:
(35-40 books per box)

	1955-56	1956-57
Adult		128
Mixed (adult and juvenile)		19
Juvenile		427
	659	674

Circulation

(Recorded outside the Library)	46,280	50,895	4,615
Banff School of Fine Arts	1,120	927	—193
	99,482	114,136	14,654
Total Circulation			
Reference questions	856	873	17

Book Stock

At April 1, 1956	41,531
Accessions	3,003
Withdrawals	345
	2,658
At April 1, 1957	44,189

Membership

Open Shelf (Number of Current postage accounts)	5,899
Travelling Libraries (Number of groups to whom libraries were sent)	288

TABLE IV—STATISTICAL INFORMATION, DIVISION OF VISUAL INSTRUCTION

Number of Moving Picture Films in Library:

Silent, 8mm and 16mm	527
National Film Board Films	874
Sponsored Films	257
Sound Films, General	1,503
Total Films in Library	3,361

Number of new films added to the library during the year

(included in the above)	110
Number of filmstrips in library	2,101
Number of sets of 2x2 slides in library	203

FILM CIRCULATION

	1956-57	1955-56	Com- parison
Number of reels silent film sent out	656	840	—275
Number of reels sound film sent out	16,107	16,390	—283
Total sets of moving pictures sent out	3,922	4,507	—135
Total number of showings of films, sound and silent	5,345	5,775	—430
Total audience viewing films	478,695	477,430	—1,265
Number of times projection service supplied	254	290	—36
Number of screenings for groups in screening room	48	41	+7

SLIDES AND FILMSTRIPS

	1956-57	1955-56	Com- parison
Number of 2x2 slides sent out	174	138	36
Total audience viewing slides	4,628	4,356	272
Individual filmstrips sent out	3,368	3,713	—345
Total audience viewing strips	79,907	86,653	—6,746

TABLE V—GENERAL STATISTICAL SURVEY

Lectures			
University staff	1,740		
Department of Extension staff	718		
		2,458	
Aggregate Attendance			100,643
Number of Radio or TV Talks			
University staff	119		
Extension staff	29		
		148	
Conferences and short courses, Table II		178	
Total attendance			6,274
Studio Theatre attendance		5,050	
Feeders' Day attendance	1,200		
High River Feeders' Day	350		
Breton Field Day	300		
Soil Science Field Day—2 days	25		
		1,875	
Visual Instruction			
Number of 2x2 slides sent out		174	
Total audience viewing slides			4,628
Individual filmstrips sent out		3,368	
Total audience viewing filmstrips			79,907
Number of reels of silent film sent out		565	
Number of reels of sound film sent out		16,107	
Total sets of moving picture films sent out		3,922	
Total showings of films, sound and silent		5,345	
Total audience viewing films			478,695
Number of times projection service supplied		254	
Number of screenings for groups in screening room		48	
Total number of screenings		302	

Library circulation

Travelling Libraries	50,895
Open Shelf	
Adult books	51,066
Juvenile books	6,952
Plays	1,719
Periodicals and pamphlets	2,577
TOTAL	62,314
Study Group Material	
Number of Citizens' Forum Bulletins sent out	2,425
New Canadian Plays	
Number of copies of New Canadian Plays sold	228



ANNUAL REPORT

on

Extension Activities

1958

Annual Report on Extension Activities

of the

UNIVERSITY OF ALBERTA

for the year ending March 31st, 1958

Edmonton, June 26, 1958

Dr. Andrew Stewart,

President, University of Alberta

The President

ANNUAL REPORT

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**Extension Activities of the University
of Alberta**

**for the Year ending March 31st
1958**

Published by

Department of Extension, University of Alberta

Edmonton, Alberta

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Annual Report on Extension Activities

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UNIVERSITY OF ALBERTA

for the year ending March 31st, 1958

Edmonton, April 28, 1958

Dr. Andrew Stewart,
President, University of Alberta

Mr. President:

I have the honor to submit the forty-fifth annual report on the extension activities of the University for the year ending March 31, 1958.

One of the important characteristics of the University of Alberta during the tenure of office of its first President, Henry Marshall Tory, was the close contact which existed then between all members of the staff and the community—the Alberta community—which the President felt it to be the University's responsibility to serve. This is no less the case today. Members of the staff of the University are in constant demand by urban and rural organizations for lectures and demonstrations in their various fields. During the year 1,800 lectures and demonstrations were given to outside groups as well as 100 radio and TV talks. An estimated 80,000 persons met the officers and staff of their University in this way.

As in the past, very generous support has been given by all members of the staff in those courses offered under the aegis of University Extension. It is a matter of great pleasure to point out again the interest and support that exists for what is often time-consuming and arduous extra-mural effort at various points in the province.

As is proper in any report of extension activities of the University, mention should be made of the very considerable effort from student and staff alike which has gone into the preparation of exhibitions, the organization of Varsity Guest Weekend and similar public functions, field days and other occasions on which the general public was a guest of this University. In the preparation of agricultural bulletins alone, which are in increasing demand by farm people—in interviews and assistance with community projects—the contributions of the staff in time and skill have been generous indeed.

Short Courses, Classes and Conferences

As that great Canadian adult educator, Father Coady of Antigonish so pungently put it, "The man who has ceased to learn ought not to be allowed to wander around loose in these dangerous years". These are indeed dangerous years and one of the challenges of adult education is to find the vehicle—the medium of presentation—of opportunities for adult learning. Of the many channels of adult education which are being explored, much use is made at this time of the short courses.

Table II of the Appendix lists the 210 short courses, classes and conferences arranged during the year under review. As will be noted, they vary con-

siderably. For the most part, these are in response to specific demands made by the community. It is of interest to compare the growth in this type of adult education presentation with 1948, during which a total of 56 classes were offered to 3,100 people; and 1953, when 126 classes were offered to 4,900 people.

Farm leaders are very conscious that while western Canadian agriculture stands in need of many things, effective leadership in their ranks is important. 'Leadership' itself is difficult of definition and a difficult field in which to offer training. There is reason, however, to feel that some useful experimental work has been done and progress made over the last year in broadening the understanding and sharpening the tools which make a rural young man or woman effective in those organizations which represent him and his fellows. In this area of effort, attention should be drawn to the Annual Farm Young People's Week which drew 116 rural young men and women to the Campus and to the Eighth Annual Rural Leadership Course which, this year, provided an opportunity to the nominees of the producer co-operatives and the Farmers' Union to study and practise leadership techniques. This strenuous course which now meets regularly in the late fall, annually attracts a well-balanced and vigorous group of about forty young farm people. In another age group, a leadership training course, held at Banff in March of this year, was well regarded both by the students and by the farm organizations through whose scholarship assistance, forty-six men and women between the ages of 35 and 55 attended. This course proposed to examine the rural community in this period of rapid change, to consider some of the important agriculture problems facing farmers in the West, to practise those skills of the leader which are "the grease" to the wheels of organizational machinery and thus to provide some of the background information materials which the leader must use and assistance in developing the skills through which he works. It is a source of very great satisfaction indeed to note here the cooperation of farm organizations in this province without whose assistance this training would not be possible.

As this province develops and as other agencies find themselves in the position to offer leadership in the field of adult education, the work of the University Extension will change in direction and emphasis. In anticipation of a need for coordination of effort and for joint action of organizations interested in adult education, a province-wide conference was arranged, attended by seventy-five representatives of thirty-four agencies. This conference, on an annual basis, offers an important framework in which to discuss and tackle mutual problems.

As other institutions in various parts of the province affiliate with the University, it will be the responsibility of this Department to work with them in providing adult education programs to meet the needs in their community. In cooperation with the Lethbridge Junior College this year, University Extension was responsible for a small program of four courses which were well received by a group of 135 students from Lethbridge and a wide surrounding area.

This year, in association with the Department of Public Welfare and the Canadian Association of Social Workers, University Extension embarked on a three-year certificate course in Social Welfare. Currently 105 students are enrolled in a training program of some 200 hours duration, dealing with an introduction to the field, Case Work, Community Organizations, Public Welfare and Human Growth and Development.

A scrutiny of Table II also suggests the beginnings of series of concentrated and carefully defined training programs at a high level for people in the vari-

ous professions. Health and Human Relations in Business and Industry—a course for nursing and medical personnel in industry—was well received by the students who attended. In the field of accounting, a course in Administrative and Financial Controls, conducted by members of the staff of the School of Commerce, offered an analysis of the problems in this field. Fifty-seven students were enrolled in this thirty-hour course. Increasing attention is being given in all of these to the provision of classroom aids including films and reference books and readings for the student.

The evening class program which is a basic and traditional part of University Extension offerings, this year included forty courses attended by 1,063 students in Edmonton, Calgary, Lethbridge and Medicine Hat. Among the new courses offered this year were those in 'Logic in Theory and Practice', 'The Symphony and its Literature', 'Ways of Mankind', (a new discussion-type course in liberal studies which will be offered more frequently in the future) and 'Psychology of Personal and Social Adjustment'. Two courses in Calgary and Edmonton, designed to provide an introduction to the field of television for aspiring writers, were offered under the direction of an outstanding instructor, John Barnes of the CBC.

A series of courses in accounting in its various aspects, industrial legislation, business English and mathematics of finance, continue to hold an important place in the University's program of Short Courses.

Agricultural Extension

Short courses, the special lecture and the bulletin continue to be the most useful forms of contact with the rural people. During the year, 32,167 bulletins, circulars and leaflets were distributed through a mailing list and by the District Agriculturists.

In addition to this service, 1,357 requests were received from new correspondents and 512 enquiries for specific information were referred to other departments. Sixty-eight enquiries regarding problems relating to participation in and the conduct of meetings by volunteer organizations were dealt with by the Department.

Citizens' Forum

Although the regular mailing list dropped in number from 148 in 1956-57 to 143 this year, the number of study pamphlets distributed rose from 2,425 to 2,574. It would appear that the audience for this feature is inclined to be selective.

The New Trail

The New Trail, a quarterly University and alumni publication, appeared as four issues during 1957-58. Approximately 10,000 copies were mailed to paid-up members of the General Alumni Association and Friends of the University in Canada, the United States and abroad.

The magazine serves as a tangible link between University graduates and their Alma Mater. The content of *The New Trail* is given over almost exclusively to University and alumni news.

In addition to *The New Trail*, *The Pathfinder*, a four-page University and alumni news sheet, goes out to several thousands of graduates who are not paid-up members of the G.A.A.

Radio Extension Work

University staff members were responsible for 143 talks and 12 organ recitals, broadcast by CKUA from the Campus studios during the year under review. Science talks were very popular as were the series entitled 'Two on the Aisle', 'Men and Letters', and 'My Saturday Evening Concert'. For the first time thirty-seven of the talks given in an evening program were subsequently re-broadcast during morning transmissions.

Extension Library

(See Table III)

For over forty years, the Extension Library has offered library service to the residents of Alberta who have no other access to such service. Books are sent by mail from the open shelf to individuals, families and study groups, and in travelling library boxes to community organizations of all kinds. From its shelves is prepared the library which services the Banff School of Fine Arts Annual Summer Session. The Extension Library service of the University is of fundamental importance as a base to university extension activity and to adult education in general across the province.

During the year ending March 31, 1958, total circulation increased over the previous year by about 14 per cent from 107,184 to 122,700. This increase of 15,516 is made up of some decrease in the use of Travelling Libraries and a heavy increase in the use of Open Shelf books. In 1957-58, 58,769 adult books (including periodicals and pamphlets) and 20,404 children's books were sent out, representing an increase of about 21 per cent and almost 194 per cent respectively.

The heavy increase in Open Shelf circulation of children's books is gratifying but does pose a challenge to the resources of the library. Requests for adult books have been filled promptly but for children's books there has been a waiting list which is a reflection of the balance in the library stock between the adult and children's reading. It is anticipated that as new school libraries are created and broadened, this problem will be solved.

Although the prime function of the Extension Library is to serve the educational needs of adults, it also has a responsibility to supplement the work of the schools in developing the reading tastes of children and young people and in encouraging them to continue their education after leaving school. That the Extension Library is assuming at least part of this responsibility is evident from letters from parents. One mother remarked that comic books remained unread on the shelf until her children had finished the books from the Library. Another wrote: "I think the Library is wonderful. Patty Lou was a slow reader at school last year. She has improved so much this year." "It has encouraged my children to read and I certainly couldn't have bought all those books. Your service is a wonderful opportunity for those who live in the country."

To students and other readers in the province, access to reference service is, of course, invaluable. The number of reference questions handled by the library shows a significant increase of almost 70% from 873 to 1,481. Inquiries come from readers of all ages, from the eight-year old boy who asks "how to make wooden things" to the old-age pensioner who is interested in the theory of relativity. Many inquiries come from high school students who have essays to write on the United Nations, some aspect of Canadian history, industry or culture. Adult readers taking correspondence or extra-mural courses ask

for books on Canadian and European history and on literature. Typical comments are: "Thank you so very much for all the help you have given me. If I ever do pass Eng. 11 from Queens it will be through you." "Now I must tell you again how much I appreciate the excellent help you have given me with your selection of books. My last essay had a little note from my teacher on it, complimenting me on my excellent selection of reading material. The credit is certainly due to you, and I am most grateful." Other requests come from businessmen, farmers, teachers, housewives—from people throughout the province who need information in their daily work, for a community project, or to satisfy their intellectual curiosity. Readers are interested in almost everything—from earthworms to palimpsests, from gill slits in embryos to reincarnation. Many inquiries are answered by letter, and of these no statistics are kept. Since few readers are able to visit the Library, the volume of correspondence is heavy.

As in past years, the Extension Library supplied books for non-credit courses offered by the Department of Extension and for study groups throughout the province.

Such an Extension Library service involves a great responsibility—in brief—to offer children, young people, men and women the opportunity to continue life-long education, to keep informed about public issues and to be effective citizens of Canada and of the world, to be more efficient in day to day activities and to use leisure time to develop talents and interests. To fulfil this responsibility is a heavy task and it is a pleasure to record during the year every member of the staff has worked at capacity, encouraged by the knowledge that the library is performing a very valuable service for the people of the province. That this is recognized by readers is evident from some of the extracts from correspondence which follow: A twelve-year old girl writes: "I think your service of sending books to young and old is very good." From an elderly woman: "For the past four months I have been ill and I do not know what I would have done without the books from the Library." Comments from other readers are: "My husband declared your Extension Library is just another of the benefits of living in this fabulous province." "I will never get over the marvel of all this just for the asking . . . To an interested rural reader the services are invaluable."

Visual Instruction Division

(See Table IV)

All visual aids, including documentary and educational motion pictures, play an important role in both formal and informal educational activities in Alberta. It is a pleasure here to record the high quality of service in this field to organizations and individuals during the year by all members of the staff of the Division.

As has been the case in other film libraries, both in Canada and the United States, the impact of television has reduced circulation temporarily for a period of two to three years. This has been the case in the library of the Visual Instruction Division and circulation figures for 1957-58 suggest that the same pattern will apply in this province as has applied elsewhere. Circulation has recovered somewhat during this year from a previous decline and in general, films tend to be used more specifically than has been the case in the past. That is to say, film subjects are now being chosen more carefully to meet particular needs of various organizations. The provision of experienced

operators, which has been a service of the Division over the years, is no longer so necessary as an increasing number of people become familiar with projection equipment and materials.

There has been a slight decline this year in the use of the Division's stock of slides and film strips which is a reflection of the fact that many more organizations are building up film strip libraries for their day-to-day use, rather than to a decline in the quality of the material. Complete overhaul of the film strip and slide material has been made this year, including revision of an earlier catalogue for the convenience of borrowers.

Since adequate repair service now exists generally throughout the province the decision was made this year to close down the service section of the Visual Instruction Division which was set up in order to accommodate borrowers, particularly school organizations, during the war.

It is a pleasure indeed to record our indebtedness to the National Film Board for the many courtesies which they have extended during the year and for the cordial and mutually profitable relationships which have existed.

Petroleum Industry Training Service

The Petroleum Industry Training Service which is supported financially by the Canadian Petroleum Association, the Canadian Association of Oil Well Drilling Contractors, the Petroleum and Natural Gas Conservation Board and the University of Alberta, has as its purpose the provision of technical training at various levels to persons within the industry. During the year under review, 2,032 employees attended 44 schools offered at twenty-seven points in the province. Emphasis on safety is a fundamental part of the training provided and thus a major responsibility during the year was the organization of twenty-two course demonstrations of techniques dealing with hydrogen sulphide gas. Other courses of similar short duration in equipment handling and maintenance included the 'Fluid End Maintenance of Slush Pumps', 'Care and Handling of Sucker Rod Pumps', 'Blowout Prevention' and 'Gas Metering'. The organization of two committees within the oil industry—the Drilling Training Committee and the Production Training Committee—has made possible a very useful and direct contact between the company units in the field and the Petroleum Industry Training Service.

Several significant courses of a more intensive nature and of a higher level, were offered in Edmonton and Calgary. An 'Operating Agreements Course', dealing with legal problems of the oil industry, was attended by 300 persons in Calgary. The Drillers' Schools, organized this year in Edmonton, have been distinctly successful. Good results were achieved at the 'Safety Supervision Workshop' and 'Treating Oil Field Emulsions' courses, both of which were attended by employees sent in by organizations in the field.

Fine Arts Division

The contribution of the Extension Specialists in painting, music and drama has been and continues to be of prime importance in the development of interest in these fields throughout the province. Of particular satisfaction has been the increasing volume and quality of work done in the Community Art Program. It is a satisfaction too, to note that the theatre is a live and vital thing in Alberta, due in no small measure to the tireless enthusiasm of the many small groups and of the Extension Specialist who is in touch with them. "Teaching the teachers" has been an underlying objective in the program for the past year

and it is gratifying to see that many of those who had their first formal instruction in painting, music and drama from the Extension Specialists, are active in the guidance of other new students.

Painting

This year has seen considerable consolidation and some expansion of the Community Art Class Program. One hundred and eighty-nine regular classes were held in 24 instruction centres with a total registration of 575. Alternating with the regular classes under the instruction of the Extension Specialist, 57 local classes were held under the direction of a 'Local Supervisor' working from an instruction outline prepared in advance by the Department.

Considerable emphasis has been given this year to the preparation of instructional materials including color slides, exhibitions, and appropriate audio-visual and library aids. Exhibitions of paintings from the Community Art Classes are being shown annually at the Canadian National Exhibition and exchanged with similar groups in the United States. Particular mention should be made of two Community Art Class Conferences arranged by the Department and held in Lethbridge and Edmonton. These provided an opportunity for 100 student artists throughout the province to meet and discuss matters of mutual concern and to hear expert criticism of the various items offered for exhibition.

Drama

The Dominion Drama Festival held in May of this year was attended by the largest group in the history of this organization. This, and the quality of work presented by Alberta players, suggests the general public interest in drama provincially.

The Extension Specialist in Drama is of course very much involved in drama organization in the province. Two district One-Act play festivals were held this year and a regional festival was held in Calgary in March. It is of particular interest to note that two of the plays presented at this festival were offered by the Red Deer and Coaldale communities by groups both of which were developed as a result of the Extension drama program. The Coaldale Little Theatre received the 'Best Play', 'Best Director', and 'Best Supporting Actor' awards and its production has been chosen to participate in the Dominion Festival. Its director was named by the adjudicator as the outstanding director of the sixty plays which he saw across Canada. This marked the first time that a small town theatre has won a regional festival and has been invited to compete in the national finals. The example will do much to stimulate greater effort in small towns across Canada.

The growth of interest in Alberta has enabled the Extension drama program to be broadened by the provision of longer courses and extra courses where qualified teaching personnel can be found.

In May, two ten-day courses in Voice and Speech were given in Edmonton, with Miss Esme Crampton as instructor. The courses proved extremely popular and worthwhile. There is every indication that the demand for speech training would justify the appointment of a qualified speech instructor in Extension Drama in the near future.

Two ten-week courses were given at the Calgary Branch of the University of Alberta: 'Acting' with Miss Irene Powlan as instructor and 'Makeup' with Mr. Herbert Earle as instructor. One ten-week course in 'Makeup' was given in Edmonton by Mr. Gerald Baril and a second ten-week course on 'Shaw and the

Theatre' with Mr. Daniel Walsh as instructor, starting in March. A ten week course in 'Acting and Directing' started in March at the Lethbridge Junior College. The response to these courses is such that it warrants the development of regular elementary and advanced courses in various phases of theatre training in these centres.

Two ten-day theatre courses were given in Athabasca during the year. The first centred around a production of 'Stampede' by Gwen Pharis Ringwood; the second around a production of 'The Man Who Came to Dinner', which showed a remarkable advance in acting and production, certainly on a par with Festival entries this year.

Similar projects started in Olds in March—with a ten-week course this spring to be followed by a production in the fall.

Perhaps one of the most interesting projects during the year was a six-week course in 'Acting' in Edson which was followed by a five-week course in 'Group Playmaking'. This is the first community to become interested in this type of work and it is hoped that other communities will become interested after they have read the script resulting from this course.

It is worthwhile noting here the trend towards courses of a more thoroughgoing nature and longer duration. Much work remains to be done at the "grass roots" level but it is necessary and desirable to gradually introduce specialized courses at a higher level for more advanced groups. Plans are in progress to offer an Annual Theatre Conference in cooperation with the Drama Division of the Department of Fine Arts. This will present outstanding persons in theatre, particularly to advanced students in provincial drama groups.

As in past years, adjudications were offered in various Alberta centres and the Extension Drama Specialist was invited to adjudicate at the Greater Vancouver Drama Festival. Considerable time has been given to several special projects including the direction of "The Mikado" for the Centennial Committee in Dawson Creek. The 1956-57 Playwriting Competition conducted by the Department for a prize offered by the I.O.D.E. continues to give encouragement to this important theatre skill.

Music

Emphasis in training this year in the Extension music program has been the organization of permanent courses of ten-weeks' duration in Choral Music. Three of these centred in the Lethbridge area serving choral leaders from Taber, Picture Butte and the city of Lethbridge itself. As has been the experience in other years, permanent choral groups were organized as a direct result of this stimulus. Content of these series includes instruction in vocal production, breathing, diction and conducting. Twenty or more items of good choral music are studied as well.

An intensive three day Master Class for Organists was arranged for the latter part of August. The class, which was held in Convocation Hall, was under the direction of Gerald Bales, one of Canada's outstanding organists. An informal lecture-recital was presented by the Department, featuring Leon Goossens, oboeist, and Denis Matthews, pianist. This was well received indeed and it is felt that a series of these would make a significant contribution to the music life of many Alberta centres.

During the year under review, a thorough examination of the need for instrumental instruction was made. Instrumental instruction has not, unfortunately, developed as rapidly as choral work in the province as adequate leader-

ship is often entirely lacking. Several communities have been assisted in their efforts to initiate band programs in association with the schools.

The Second Annual Peace River Choral Festival which stemmed out of a series of Choral Workshops held recently in this area, was given direction by the Extension Specialist in Music. Five community choruses participated. They had been prepared for the event by Miss Bridget Headley, who this year and in the past, has done an excellent job of instruction for the Department. A Wind Quintet from Edmonton supplemented the program.

Informal advisory service has been given to choir directors, school music teachers and others.

Staff

University Extension, by its very nature, is cooperative and it is important to record here the enthusiasm, assistance and painstaking effort given by all members of the staff of the University. This, coupled with the usual courteous cooperation of business and professional organizations, farm organizations and others, has made possible a broad program of offerings to the public. The success of this year's program, as of any other year, depends entirely on the close cooperation of members of the University staff and of members of the community which the University serves.

Particular mention should be made of the special effort made by all members of the staff of the Department of Extension in their work. All have carried a heavy load cheerfully and well. During the year in review, Miss Mary Dodds was appointed Extension Librarian. Mr. G. T. Potter, a graduate of Oxford and former member of that University's Extra-mural Delegacy, joined the staff as Extension Assistant. Mr. Walter Gabert succeeded Mr. Frank Gee in the capacity of Drilling Training Instructor in the Petroleum Industry Training Service.

Conclusion

Earlier reports of this Department have emphasized some of those principles by which University Extension is guided. Chief of these is the recognition by members of the University staff that all members of the constituency which the University serves should have direct access to its resources.

As Sir Arthur Currie of McGill University said many years ago, "The primary task of education is to make men alive, to send them out alive at more points, alive on higher levels, alive in more effective ways. The purpose of an education is not the mere getting of the ability to sell your efforts at a higher figure than untrained men do but to make you a thinker, to make you a creator, with an enlarged capacity for life."

The accomplishment of these aims is one of the challenges to University Extension. This report suggests some success and indirectly some other important goals for the future.

Table I—Record of Extension Activities during year 1957/8

Faculty or Department	Lectures or Demonstrations 1956/7 1957/8	Radio or TV Talks 1956/7 1957/8	Estimated Aggregate Lecture Attendance		Staff members reporting	
			1956/7	1957/8	1956/7	1957/8
Agriculture	140	143	17,365	26,190	19	17
Arts and Science (incl. School of House. Ec.)	272	231	28,403	13,245	45	52
Dentistry	11	7	600	225	3	2
Education	157	189	16,902	9,471	16	19
Engineering	26	11	1,030	565	8	11
Law	3	2	300	150	2	2
Medicine (incl. School of Nursing)	166	200	6,371	5,042	24	22
Pharmacy	34	34	3,555	2,170	4	3
School of Commerce	191	159	3,378	3,285	4	3
School of Physical Education	22	24	1,073	1,915	4	4
Department of Extension	718	895	21,666	23,966	12	12
Totals	1,740	1,895	100,643	86,224	141	147

Table II—Short Courses, Classes, Conferences and Workshops Arranged and Organized by the Department of Extension

Short Course, Class, Conference or Workshop	Co-sponsors	Location	Period	Hours	Attendance
A. EVENING DIVISION					
1. Beginner's Russian		Edmonton	Oct. 21-Apr. 10	80	12
2. Effective Reading		Edmonton	Oct. 21-Jan. 27	20	22
3. Commercial Law		Edmonton	Oct. 28-Feb. 17	18	22
4. Logic in Theory and Practice		Edmonton	Oct. 21-Feb. 3	18	52
5. Income Tax Procedures in Business		Edmonton	Jan. 13-Mar. 17	20	22
6. The Symphony and Its Literature		Edmonton	Jan. 13-Mar. 17	20	59
7. Conversational French		Edmonton	Oct. 22-Feb. 25	22½	36
8. Psychology of Personal and Social Adjustment		Edmonton	Oct. 22-Feb. 25	22½	42
9. Public Speaking		Edmonton	Oct. 15-Dec. 17	20	27
10. Chairmanship		Edmonton	Jan. 14-Mar. 18	20	26
11. Essentials of Written English		Edmonton	Oct. 23-Mar. 12	27	21
12. Short Story Writing		Edmonton	Oct. 23-Mar. 12	27	34
13. Effective Reading		Edmonton	Oct. 23-Jan. 29	20	26
14. Sex, Marriage and Morals		Edmonton	Jan. 15-Mar. 19	27	20
15. Comparative Religion 11		Edmonton	Jan. 15-Mar. 5	16	32
16. Ways of Mankind		Edmonton	Jan. 15-Apr. 2	18	20
17. Elementary Security Analysis		Edmonton	Oct. 17-Dec. 5	16	17
18. Conversational French—Senior Seminar		Edmonton	Oct. 24-Feb. 27	22	9
19. Introduction to Geology		Edmonton	Jan. 16-Apr. 3	18	38
20. The Art of Landscaping		Edmonton	Jan. 16-Apr. 3	18	50
21. Life Painting		Edmonton	Oct. 21-Mar. 17	34	13
22. Fundamentals of Drawing		Edmonton	Oct. 21-Mar. 17	34	26
23. Pottery		Edmonton	Oct. 31-Mar. 27	60	12
24. Pottery		Edmonton	Oct. 29-Mar. 25	60	12
25. Portrait Painting		Edmonton	Oct. 22-Mar. 11	36	18
26. Advanced Life Drawing		Edmonton	Oct. 23-Mar. 12	36	14
27. Pictorial Composition		Edmonton	Oct. 23-Mar. 12	36	33
28. Still Life		Edmonton	Oct. 24-Mar. 13	36	12
29. Modelling and Sculpture		Edmonton	Oct. 24-Mar. 27	40	18
30. Income Tax Procedures in Business		Calgary	Jan. 20-Mar. 24	20	22
31. Conversational French		Calgary	Jan. 20-Apr. 7	24	32
32. Principles of Gardening		Calgary	Jan. 21-Apr. 8	24	32
33. Law in Action		Calgary	Jan. 21-Mar. 25	20	26
34. The Beginnings of Philosophy		Calgary	Jan. 21-Apr. 8	24	31
35. Ways of Mankind		Calgary	Jan. 22-Mar. 26	24	40
36. Problems of Social Psychology		Calgary	Jan. 23-Apr. 24	28	24
37. Landscaping the Small Lot		Medicine Hat	Jan. 15-Apr. 16	28	21
38. Psychology of Personality and Adjustment		Lethbridge	Jan. 17-Mar. 21	20	25
39. Conversational Spanish		Lethbridge	Jan. 27-Mar. 31	20	42
40. Law for the Layman		Lethbridge	Jan. 30-Apr. 3	20	23

Table II—continued

Short Course, Class, Conference or Workshop	Co-sponsors	Location	Period	Hours	Attendance
B. RURAL, COMMUNITY AND AGRICULTURAL SHORT COURSES AND CONFERENCES					
41. Farm Young People's Week	Faculty of Agriculture, School of Household Economics	Edmonton	Jun. 4-Jun. 12	48	116
42. Community Forum	Hanna Community	Hanna	Aug. 22-Aug. 24	18	46
43. Leadership Course	Jr. Chamber of Commerce	Camrose	Oct. 2-Nov. 20	16	23
44. Leadership Techniques	A.W.P., U.G.G., F.U.A., U.F.A. Co-op	Banff	Oct. 27-Nov. 9	88	41
45. Enquiry Into Leadership	Junior Chamber of Commerce	Edmonton	Oct. 15-Dec. 16	20	21
46. Agricultural Short Course for Indians	Department of Indian Affairs	Saddle Lake	Feb. 24-Feb. 28	20	20
47. Leadership Training—Senior	A.W.P., F.U.A., U.G.G.	Banff	Mar. 3-Mar. 15	72	45
48. Conference	Alberta Adult Education	Banff	May 17-May 18	12	75
49. Community Leadership	Provincial Educational Services	Bears paw	Mar. 25-Mar. 26	10	22
50. A.L.C. Shipping Course	Lions Club	Edmonton	Mar. 24-Mar. 25	12	38
51. A.L.C. Shipping Course	Alberta Livestock Co-op.	Edmonton	Mar. 27-Mar. 28	12	45
C. FINE ARTS, EXTENSION CLASSES AND WORKSHOPS					
52. Community Art Classes		Vulcan	Apr. -Mar. 31	28	16
53. Community Art Classes		Nanton	Apr. 1-Mar. 31	37	38
54. Community Art Classes		Cardston	Nov. 26-Mar. 31	20	20
55. Community Art Classes		Lethbridge	Apr. 3-Mar. 31	32	32
56. Community Art Classes		Ralston	Apr. 4-Mar. 31	31	16
57. Community Art Classes		Medicine Hat	Apr. 5-Mar. 31	21	17
58. Community Art Classes		Medicine Hat	Apr. 5-Mar. 31	20	16
59. Community Art Classes		Medicine Hat	Apr. 5-Mar. 31	20	16
60. Community Art Classes		Brooks	Apr. 5-Mar. 31	20	11
61. Community Art Classes		Drumheller	Nov. 6-Mar. 31	18	14
62. Community Art Classes		Castor	Oct. 9-Mar. 31	30	16
63. Community Art Classes		Lacombe	Apr. 10-Mar. 31	28	30
64. Community Art Classes		Banff	Apr. 11-Mar. 31	27	21
65. Community Art Classes		Banff	Apr. 17-Mar. 31	32	15
66. Community Art Classes		Sylvan Lake	Apr. 3-Mar. 31	28	14
67. Community Art Classes		Red Deer	Apr. 8-Mar. 31	27	38
68. Community Art Classes		Wetaskiwin	Apr. 12-Mar. 31	28	15
69. Community Art Classes		Camrose	Apr. 13-Mar. 31	26	12
70. Community Art Classes		Grande Prairie	Apr. 13-Mar. 31	26	21
71. Community Art Classes		Lloydminster	Oct. 7-Mar. 31	20	16
72. Community Art Classes			Oct. 9-Mar. 31	42	44
73. Community Art Classes		Lloydminster	May 6-May 11	21	16
74. Community Art Classes		Vermilion	Mar. 10-Mar. 11	8	25
75. Community Art Classes		Viking	Oct. 10-Mar. 31	22	21
76. Community Art Classes		Redcliff	Nov. 30-Mar. 31	10	21

Table II—continued

Short Course, Class, Conference or Workshop	Co-sponsors	Location	Period	Hours	Attendance
120. Industrial Legislation	Society of Industrial and Cost Accountants	Edmonton	Oct. 7-Mar. 24	40	36
121. Industrial Legislation	Society of Industrial and Cost Accountants	Edmonton	Oct. 14-Mar. 24	40	37
122. Fundamentals of Cost Accounting	Society of Industrial and Cost Accountants	Edmonton	Oct. 23-Mar. 28	40	23
123. Accounting 1	Society of Industrial and Cost Accountants	Calgary	Oct. 7-Mar. 24	40	33
124. Accounting 1	Society of Industrial and Cost Accountants	Calgary	Oct. 7-Mar. 24	40	42
125. Accounting 1	Society of Industrial and Cost Accountants	Calgary	Oct. 7-Mar. 24	40	18
126. Accounting 11	Society of Industrial and Cost Accountants	Calgary	Oct. 7-Mar. 24	40	42
127. Accounting 11	Society of Industrial and Cost Accountants	Calgary	Oct. 7-Mar. 24	40	44
128. Advanced Cost Accounting	Society of Industrial and Cost Accountants	Calgary	Oct. 9-Mar. 12	40	24
129. Business Mathematics	Society of Industrial and Cost Accountants	Calgary	Oct. 11-Mar. 21	40	26
130. Industrial Legislation	Society of Industrial and Cost Accountants	Calgary	Oct. 10-Mar. 20	40	40
131. Industrial Legislation	Society of Industrial and Cost Accountants	Calgary	Oct. 10-Mar. 20	40	37
132. Industrial Legislation	Society of Industrial and Cost Accountants	Calgary	Oct. 10-Mar. 20	40	34
133. Industrial Legislation	Society of Industrial and Cost Accountants	Calgary	Oct. 10-Mar. 20	40	38
134. Fundamentals of Cost Accounting	Society of Industrial and Cost Accountants	Calgary	Oct. 10-Mar. 13	40	32
135. How to Invest Your Money in Stocks and Bonds	Investment Dealers' Ass'n. of Canada	Correspondence	Oct. 1-Mar. 31	30	132
136. Teaching the Retarded Child	Edmonton Ass'n for Retarded Children and Faculty of Education	Edmonton	Nov. 15-Mar. 21	40	22
137. Certificate Course in Social Welfare—Class 1—Part A					
138. Understanding the Immigrant	Citizenship Br., Dept. Citizen. and Immig.	Edmonton	Jan. 16-Apr. 3	24	35
139. Understanding the Immigrant	Citizenship Br., Dept. Citizen. and Immig.	Edmonton	Feb. 3	6	23
140. Understanding the Immigrant	Citizenship Br., Dept. Citizen. and Immig.	Red Deer	Feb. 4	6	7
141. Understanding the Immigrant	Citizenship Br., Dept. Citizen. and Immig.	Calgary	Feb. 5	6	20
142. Prospecting	C.I.M.M. (Northern Alberta Branch) Alberta School of Commerce	Lethbridge	Feb. 7	6	19
143. Administrative and Financial Controls	School of Commerce	Edmonton	Jan. 14-Feb. 27	28	52
144. Managing Investments	Investment Dealers Ass'n. of Canada	Edmonton	Jan. 27-May 5	30	57
145. Managing Investments	Investment Dealers Ass'n. of Canada	Edmonton	Jan. 28-Mar. 11	14	80
146. Managing Investments	Investment Dealers Ass'n. of Canada	Calgary	Jan. 28-Mar. 11	14	82
147. Financial Statement Analysis	Investment Dealers Ass'n. of Canada	Lethbridge	Jan. 29-Feb. 26	8	45
148. Health and Human Relations in Business and Industry	Jr. Chamber of Commerce	Calgary	Jan. 29-Feb. 2	20	24
149. Building or Buying Your Home	School of Commerce	Edmonton	Feb. 5-Apr. 23	20	20
150. English Usage	Alberta Institute of Chartered Accountants	Edmonton	Feb. 6-Mar. 13	12	67
151. English Usage	Alberta Institute of Chartered Accountants	Edmonton	Jan. 18-Mar. 15	16	35
152. English Usage	Alberta Institute of Chartered Accountants	Calgary	Jan. 18-Mar. 15	16	14
153. Job Instructions Training	Jr. Chamber of Commerce	Calgary	Mar. 29-May 24	16	28
154. Job Relations Training	Jr. Chamber of Commerce	Calgary	Nov. 14-Dec. 19	12	28
155. Short Course For Librarians of Small Libraries	Jr. Chamber of Commerce	Edmonton	Jan. 16-Feb. 20	12	28
156. Canadian Drilling Technology School	Alberta Library Association	Edmonton	May 21-May 24	19	8
157. Fluid End Maintenance of Slush Pumps	P.N.G.C.B., C.P.A., C.A.O.D.C.	Edmonton	Apr. 23-Apr. 27	30	148
	P.N.G.C.B., C.P.A., C.A.O.D.C.	Olds	May 23	3	27

158. Fluid End Maintenance of Slush Pumps	P.N.G.C.B., C.P.A., C.A.O.D.C.	Drayton Valley	Jun. 4	6	43
159. Fluid End Maintenance of Slush Pumps	P.N.G.C.B., C.P.A., C.A.O.D.C.	Buck Lake	Jun. 6	6	13
160. Fluid End Maintenance of Slush Pumps	P.N.G.C.B., C.P.A., C.A.O.D.C.	Rimbey	Jun. 11	6	14
161. Fluid End Maintenance of Slush Pumps	P.N.G.C.B., C.P.A., C.A.O.D.C.	Red Deer	Jun. 12	6	66
162. Fluid End Maintenance of Slush Pumps	P.N.G.C.B., C.P.A., C.A.O.D.C.	Sundre	Jun. 13	6	18
163. Fluid End Maintenance of Slush Pumps	P.N.G.C.B., C.P.A., C.A.O.D.C.	Calgary	Jun. 18	3	23
164. Care and Handling Sucker Rod Pumps	P.N.G.C.B., C.P.A., C.A.O.D.C.	Drayton Valley	Jun. 19	6	13
165. Electricity and Electrified Lease Operations	P.N.G.C.B., C.P.A., C.A.O.D.C.	Drayton Valley	Jun. 28	30	25
166. Electricity and Electrified Lease Operations	P.N.G.C.B., C.P.A., C.A.O.D.C.	Edmonton	Jul. 2-Jul. 6	30	25
167. Care and Handling Sucker Rod Pumps	P.N.G.C.B., C.P.A., C.A.O.D.C.	Devon	Jul. 2	3	15
168. Care and Handling Sucker Rod Pumps	P.N.G.C.B., C.P.A., C.A.O.D.C.	Redwater	Jul. 3	3	8
169. Care and Handling Sucker Rod Pumps	P.N.G.C.B., C.P.A., C.A.O.D.C.	Red Deer	Jul. 5	3	15
170. Fluid End Maintenance of Slush Pumps	P.N.G.C.B., C.P.A., C.A.O.D.C.	Whitecourt	Jul. 17	6	14
171. Fluid End Maintenance of Slush Pumps	P.N.G.C.B., C.P.A., C.A.O.D.C.	Valleyview	Jul. 19	6	7
172. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Whitecourt	Aug. 7	2	11
173. Supervisory Training	P.N.G.C.B., C.P.A., C.A.O.D.C.	Whitecourt	Aug. 8	6	7
174. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Black Diamond	Aug. 17	4	44
175. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Sullivan Creek	Aug. 18	4	14
176. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Pincher Creek	Aug. 19	4	44
177. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Nanton	Aug. 20	4	20
178. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Calgary	Aug. 21	2	24
179. Trident Drilling School	P.N.G.C.B., C.P.A., C.A.O.D.C.	Edmonton	Sep. 9-Sep. 13	15	9
180. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Drayton Valley	Sep. 17	4	28
181. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Breton	Sep. 18	4	44
182. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Edmonton	Sep. 19	4	13
183. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Innisfail	Sep. 24	4	48
184. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Sundre	Sep. 25	4	64
185. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Red Deer	Sep. 26	4	74
186. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Camrose	Sep. 26	2	28
187. Safety Supervision	P.N.G.C.B., C.P.A., C.A.O.D.C.	Edmonton	Oct. 7-Oct. 11	30	34
188. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Valleyview	Oct. 15	4	53
189. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Edmonton	Oct. 22	2	10
190. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Wetaskiwin	Oct. 23	2	20
191. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Calgary	Oct. 25	4	16
192. Treating Oilfield Emulsions	P.N.G.C.B., C.P.A., C.A.O.D.C.	Edmonton	Oct. 28-Nov. 1	30	52

Table II—continued

Short Course, Class, Conference or Workshop	Co-sponsors	Location	Period	Hours	Attendance
193. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Bowden	Nov. 5	4	24
194. Operating Agreements	P.N.G.C.B., C.P.A., C.A.O.D.C.	Calgary	Nov. 6-Nov. 8	9	301
195. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Estevan	Nov. 20	4	40
196. Blowout Prevention	P.N.G.C.B., C.P.A., C.A.O.D.C.	Estevan	Nov. 21	6	26
197. Pumper Training	P.N.G.C.B., C.P.A., C.A.O.D.C.	Estevan	Nov. 21-Nov. 23	9	35
198. Slush Pump Maintenance	P.N.G.C.B., C.P.A., C.A.O.D.C.	Swift Current	Nov. 26	3	25
199. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Medicine Hat	Nov. 26	2	10
200. Drillers School	P.N.G.C.B., C.P.A., C.A.O.D.C.	Edmonton	Jan. 20-Jan. 24	30	8
201. Blowout Prevention	P.N.G.C.B., C.P.A., C.A.O.D.C.	Red Deer	Feb. 4	6	38
202. Blowout Prevention	P.N.G.C.B., C.P.A., C.A.O.D.C.	Innisfail	Feb. 5	6	55
203. Blowout Prevention	P.N.G.C.B., C.P.A., C.A.O.D.C.	Duke Drilling Rig 7	Feb. 7	6	62
204. Blowout Prevention	P.N.G.C.B., C.P.A., C.A.O.D.C.	Ajax Pipeline	Feb. 14	2	15
205. Blowout Prevention	P.N.G.C.B., C.P.A., C.A.O.D.C.	Drayton Valley	Feb. 28	6	55
206. Gas Metering School	P.N.G.C.B., C.P.A., C.A.O.D.C.	Medicine Hat	Mar. 6	6	38
207. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Edmonton	Mar. 13	2	36
208. Supervisory Training	P.N.G.C.B., C.P.A., C.A.O.D.C.	Fort St. John	Mar. 17-Mar. 21	24	32
209. Hydrogen Sulphide Gas	P.N.G.C.B., C.P.A., C.A.O.D.C.	Fort St. John	Mar. 19-Mar. 21	8	90
210. Drillers School	P.N.G.C.B., C.P.A., C.A.O.D.C.	Edmonton	Mar. 24-Mar. 28	30	17
					6,983

TABLE III—STATISTICAL INFORMATION, EXTENSION LIBRARY

Open Shelf

	1956-57	1957-58	Difference
Adult books	45,833	56,815	10,982
Periodicals and pamphlets	2,577	1,954	—623
Children's books	6,952	20,404	13,452
	55,362	79,173	23,811

Travelling Libraries

No. of Travelling Libraries sent out
(35-40 books per box):

	1956-57	1957-58
Adult	128	103
Mixed (Adult and children's)	19	60
Children's	427	382
	574	545

Circulation (Recorded outside the Library)	50,895	43,185	—7,710
Banff School of Fine Arts	927	342	—585
Total Circulation	107,184	122,700	15,516
Reference questions	873	1,481	608

Book stock

At April 1, 1957		44,189
Accessions	4,528	
Withdrawals	1,352	3,276
		47,465

Membership

Open Shelf (Estimated number of readers' accounts)	6,800
Travelling Libraries (Number of groups to whom libraries were sent)	227

TABLE IV—STATISTICAL INFORMATION, DIVISION OF VISUAL INSTRUCTION

Film Circulation

	1957-58	1956-57	Comparison
Number of reels silent film sent out	721	656	65
Number of reels sound film sent out	16,293	16,107	186
Total sets of moving pictures sent out	3,997	3,922	75
Total number of showings of films, sound and silent	5,253	5,345	—92
Total audience viewing films	467,132	478,695	—11,563
Number of times projection service supplied	210	254	—44
Number of screenings for groups in screening room	59	48	9

Slides and Filmstrips

	1957-58	1956-57	Comparison
Number of 2x2 slides sent out	122	174	—52
Total audience viewing slides	3,036	4,628	—1,592
Individual filmstrips sent out	3,016	3,368	—352
Total audience viewing strips	66,312	79,907	—13,595

TABLE V—GENERAL STATISTICAL SURVEY

Lectures			
University staff	1,000		
Department of Extension staff	895		
		1,895	
Aggregate Attendance			86,224
Number of Radio or TV talks			
University staff	97		
Extension Staff	20		
		117	
Conferences and short courses, Table II		210	
Total attendance			6,988
Feeders' Day attendance	1,500		
Breton Field Day	350		
Field Day, nr. Sundre	40		
Soil Science Field day—2 days	25		
		1,915	
Visual Instruction			
Number of 2x2 slides sent out		122	
Total audience viewing slides			3,036
Individual filmstrips sent out		3,016	
Total audience viewing filmstrips			66,312
Number of reels of silent film sent out		721	
Number of reels of sound film sent out		16,293	
Total sets of moving picture films sent out		3,997	
Total showings of films, sound and silent		5,253	
Total audience viewing films			467,132
Number of times projection service supplied		210	
Number of screenings for groups in screening room		59	
Total number of screenings		269	
Library Circulation			
Travelling Libraries			43,185
Open Shelf			
Adult books		56,815	
Juvenile books		20,404	
Periodicals and pamphlets		1,954	
Total			79,173
Study Group Material			
Number of Citizens' Forum Bulletins sent out		2,574	
New Canadian Plays			
Number of copies of New Canadian Plays sold		125	
Agricultural Extension Publications			
Bulletins, circulars and leaflets		32,167	

Report of Senator Donald Cameron, Director of the Banff School of Fine Arts

The year ending March 31st, 1958 marked the conclusion of twenty-five years of continuous operation of the Banff School. It was a year of steady progress and expansion. As more facilities in the way of buildings and equipment become available at the School and as these become better known, more groups and organizations seek to take advantage of them. Altogether some 64 groups

and 5,900 people made use of the School for periods that varied from as little as two days to as much as six to eight weeks during the year.

The largest activity continues to be the Annual Summer Session in the Fine Arts which had a registration of 548 students. These came from nine of the Canadian Provinces, twenty-two States of the United States, two from Norway, two from South America and a sprinkling from other countries.

Courses were offered in Theatre, Painting, Ballet, Opera, Choral, String and Piano music for both teachers and professionals. Courses were also given in Creative Writing, Weaving, Ceramics, Oral French and Photography. A feature in the last few years has been in the growth and strengthening of the Singing, Piano and Ballet divisions. These divisions are attracting students of professional calibre with the result that they set a very high artistic standard for the whole school.

Following the experiment of 1956 when the Opera Company went on tour to Calgary, in 1957 the School took Puccini's Gianni Schicchi to Calgary and Edmonton and played to appreciative audiences of 2,000 people in each place.

The increasing quality of the student body is greatly encouraged by the generous contribution of scholarship funds by a large number of business organizations and individuals. The total amount provided during the year amounted to nearly \$12,000.00 which provided 113 scholarships.

While the work in fine arts continues to grow, it is as a centre for continuing education that the School is making its most spectacular strides. Only a few short years ago the school operated a few months of the year but in the year just closed, there were only two weeks out of the 52 when no one was in residence.

In response to a demand from business firms in Western Canada, the Banff School of Advanced Management was established as an experiment in 1952 by the Department of Extension of the University. At the same time, the Universities of British Columbia, Saskatchewan and Manitoba were invited to join the University of Alberta in making this a four-university co-operative effort. This they did in 1953. Today, the Banff School of Advanced Management has an international reputation in the management training field and is now on a sound and permanent basis.

Enrolment in the Management School continued to increase year by year until the annual quota of 70 was filled and a waiting list of 30 or more per year had to be carried forward to the next year. In 1957 it was decided to operate two six-week schools and these were attended by a total of 114 executives from all over Canada and a few from the United States. In addition to the two six-week advanced management courses, a number of related courses of two weeks duration, mainly designed to meet the needs of lower echelons of business and the man who could not get away for six weeks were organized. These courses included two-week courses in Personnel Administration and Executive Development. In addition, a large number of one-week or ten-day courses was held. These included a one-week Labour Seminar in January, a Life Insurance Marketing Institute and a whole series of one week, in-service training programmes for companies like Shell Oil Co. of Canada, the Alberta Wheat Pool and Motor Car Supply Co. By way of interest a four-week International Labour Seminar for the Free Trade Unions of the World was held in September 1957. This was attended by 125 men and women from 32 countries and marked the first time in the history of the Banff School when simultaneous translation of lectures into two or three languages was carried out.

The various church organizations, Y.M.C.A. and Y.W.C.A., Citizenship, Home and School, hold workshops running from three days to one week, and the Annual Alberta Teacher's Association Workshop is now in its tenth year. From the foregoing it will be seen that in a period of ten years since it has had a nucleus of its own year-round buildings, the Banff School of Fine Arts and Centre for Continuing Education has rapidly become one of the leading adult education centres on the continent. Because demands for the kind of education service the School provides are increasing, plans were made late in 1957 to add another half-million dollar wing to the Administration Building in 1958. Through the combined generosity of the University, the Alberta Government and the Canada Council, \$500,000.00 was provided and the result will be that by January 1st, 1959, a new dining room capable of seating 550 students at a sitting, 14 classrooms, a small library and 22 new bedrooms will be added to the School's facilities. When the present temporary dining rooms are converted into bedrooms as originally planned, comfortable accommodation for another 100 people at a time will be available. The growth of the School in 25 years has been steady and encouraging. As we embark on the second quarter century of public service in the field of adult education, the needs and the opportunities are greater than ever and the Banff School will continue to play an ever increasing role.



1959

ANNUAL REPORT

on

EXTENSION

ACTIVITIES

ANNUAL REPORT

on

**Extension Activities of the University
of Alberta**

**for the Year ending March 31st
1959**

Published by
Department of Extension, University of Alberta
Edmonton, Alberta

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Annual Report on Extension Activities

of the

UNIVERSITY OF ALBERTA

for the year ending March 31st, 1959

Edmonton, April 20, 1959

Dr. Walter H. Johns,
President, University of Alberta

Mr. President:

I have the honor to submit the forty-sixth annual report on the extension activities of the University for the year ending March 31, 1959.

This report should properly be prefaced with a reference to the contribution made in the University's extension work by all members of the staff. Records of the 193 members reporting show the preparation of 2,000 public lectures or demonstrations to audiences of 101,000 and 149 radio or TV talks. These figures, the many hours spent in the preparation of bulletins, etc., time freely given in consultation in many public functions, suggest an active and valuable University-community partnership.



Registering for Evening Classes.

Short Courses, Evening Classes and Conferences

The evening class, short course and conference program of the University is of course one of the first responsibilities in the Extension program. During the year under review, 255 courses, classes, conferences and workshops were arranged in forty-nine different centres throughout the year, with an aggregate attendance of 7,680.

There is, of course, and must be, a great diversity in the variety of subject, method and arrangement but on the average, the typical class was attended by 32 people and was of a duration of 35 hours. The program of non-credit evening classes has been expanded as planned in the main centres including Edmonton, Red Deer, Calgary, Medicine Hat and Lethbridge, in most instances with the guidance and assistance of an interested local committee. As will be noticed from Table I, the evening class series includes such subjects as Law for the Layman, Aging in a Modern World, An Introduction to Astronomy, Office Management, Fundamentals of Horticulture, Church History, Oilfield Practice, Essentials of Written English, Effective Reading and Financial Statements and Investments.

During the year, members of the staff have been active in the Alberta Adult Education Conference, an informal working group. The Department of Extension has taken on a main responsibility for the organization of an annual province-wide two day meeting to which are invited national and international authorities in the field of adult education, and as well, regional conferences at which mutual problems are discussed. During the year under review, the Second Annual Conference had as its guest, Dr. Abbott Kaplan, a foremost authority in the field in the United States. Regional conferences in Lethbridge, Calgary and Red Deer were attended by Dr. J. Roby Kidd, Director of the Canadian Association for Adult Education and Gordon Campbell, Director of the Division of Adult Education, Province of Saskatchewan.

At the request of faculty members and representatives of provincial organizations, several new additions were made to the short course program. These included courses in Photogrammetry and Air Photo Analysis, which were directed towards graduate engineers and geologists. The instructors in each case were Professor A. J. McNair, Head of the Surveying Department at Cornell University and Dr. J. D. Mollard of J. D. Mollard and Associates Ltd., Regina, Saskatchewan, both outstanding figures in this field. A new course, Estate Planning, was well received by members of the Edmonton public. A good deal of assistance in the planning and arrangements for this project was given by members of the Income Tax Bureau, Trust and Insurance Companies, lawyers and others. Among the courses for nurses this year was the Institute for Operating Room Nurses, instructed by Miss Mary Schwendeman, an authority in the field from New York. At the request of the Alberta Motor Transport Association and with the guidance of an advisory committee drawn from the industry, a new course, Motor Fleet Management, was arranged. Instruction in this course was given by Professors Shelby Gallien and D. A. Weaver from Purdue University. By way of experiment, extension courses through radio and television were arranged this year. Professor Grant Davy, of the University's Department of Political Economy prepared a series of ten radio broadcasts, listeners to which were invited to apply for reading materials and permitted to pose questions to the lecturer. The Agricultural Secretary was responsible for the coordination and preparation of an informal series of television presentations in gardening. The potential of television in adult

education is enormous, and this Department looks forward to exploring similar possibilities in the future.

An extensive series of substantial courses of training in accounting and related subjects were offered by the University through the Departments of Extension and Accounting in conjunction with the Society of Industrial and Cost Accountants of Alberta. Both the need of students for training in this field and broader recognition of the designation 'R.I.A.' has been responsible for a very rapid growth in the number of these classes. During the year, twenty-two classes in Accounting, Advanced Cost Accounting, Fundamentals of Cost Accounting, Industrial Legislation and Industrial Organization and Management were offered in Edmonton and Calgary. A total of 761 students were enrolled in this series.

A significant addition to the University's Extension program has been the development of a series of longer-term courses leading to a certificate. These include Social Welfare which is currently being offered in Edmonton and Calgary to three classes aggregating 286 persons. The course involves five main subject areas—Introduction to Social Work, Human Growth and Personality Development, Interviewing Methods, Welfare Practice and Welfare Resources and the Community. Instruction is provided by practising professional social workers, members of the staff of this University and members of the staff of the University of British Columbia. The Certificate Course in Real Estate is also a three-year program based on correspondence material made available jointly by the Canadian Institute of Realtors and the University of Toronto. It involves a comprehensive study of areas of importance to the realtor including law, brokerage, insurance, accounting, economics and office management. The three-year long Certificate courses in Municipal Administration and Assessment, which have enrolled 259 students—Secretary-Treasurers, provincial government employees, assessing officers and interested rural council members, are outlined in another section of the report. At the request of the Faculty of Medicine and the Alberta Red Cross, the Department has worked in cooperation with the latter organizations in arranging an intensive year-long certificate course in Blood Grouping, Crossmatching and Associated Techniques.

As one might expect, members of the Department as individuals and the Department as a whole have been involved with a variety of other activities. Many of these additional responsibilities are time consuming and demanding of the staff outside of regular office hours. They include major assistance to the Friends of the Ballet, a local committee responsible for sponsorship of the Royal Winnipeg Ballet and the National Ballet Companies, a series of lecture recitals by capable musicians who would not normally appear in recital in Edmonton, lecture series in the area of world affairs given this year by Georg Schwarzenberger and Floyd Schmoie. In cooperation with the I.O.D.E. and the Hazel Robinson Memorial Committee, the Department undertook the administrative responsibility for three creative writing competitions. The winners of these competitions receive scholarships to the University's Banff School of Fine Arts. Together with the Summer School, the Department of Extension sponsored the Banff School of Fine Arts travelling ballet and opera company. In addition to these events, members of the staff assisted many community organizations, including the Home and School, the Farmer's Union of Alberta, the Indian Affairs Branch of the Department of Citizenship and Immigration, and the Edmonton Citizenship Council in the planning and conduct of various projects.

Agricultural Extension

Leadership Training

One of the Department's important responsibilities in agricultural extension lies in the field of leadership training. During the year, projects in this area have included 'Committee Workshops' which are brief community conferences dealing with community organizational problems, the Annual Farm Young People's Week which this year gave an opportunity to rural young people to visit the University and meet the staff, the Leadership Techniques short course for young men and women between the ages of twenty-three and thirty-five, now in its ninth year, the Rural Leadership Conference to which the farm organizations send their organization's senior members and the Western Canadian Farm Leaders' Conference, a restricted meeting of twenty-five heads of western Canadian farm organizations, organized to provide a forum for discussion of problems relating to their organization in the field of agricultural economics, rural sociology and human relations.

Clearly, it is difficult effectively to measure the contribution made by these meetings at such a variety of levels since their impact is in terms not only of improved personal skills but also in terms of changed attitudes. There is evidence, however, that they have far-reaching effects on farm life. One notes in passing the enthusiasm of the students themselves, the willingness of the farm organizations to provide generous financial support and the interest displayed by farm people in general in the opportunity of attending the various courses and conferences.



Group discussion—Rural Leadership Course, Banff

Publications

Through the Agricultural Publications and Extension Committee, several major publications were issued during the year. These were: 'Small Fruit Growing in Alberta', '1958 Annual Feeder's Day', 'Cattle Finishing in Alberta', 'Grey Wooded Soils and Their Management', and the '1959 Press Bulletin'. Arrangements were made to distribute 'The Prairie Garden' magazine produced by the Winnipeg Horticultural Society. There has been a noticeable improvement in the attractiveness of the format of agricultural publications.

A monthly circular entitled 'A Selected List of Recent Agricultural Publications' has been mailed to a group of some 60 persons since January 1959. The purpose of this circular is to keep interested persons informed of the latest available agricultural publications in Canada and the United States.

This office plays an important role as a central agency in the provision of agricultural information. During the year, 1,016 requests and inquiries were received and dealt with. The number of publications distributed in reply to requests and inquiries totaled 1,830; 12,606 were distributed through District Agriculturalists and commercial companies; 7,000 copies of the Press Bulletin were dispatched through the Department of Plant Science and 10,000 copies of the Feeder's Day Bulletin were distributed by the Department of Animal Science.

Classes

To meet the ever increasing demands for horticultural information, a total of eight evening classes were arranged in Edmonton, Red Deer, Calgary and Lethbridge in the field of gardening and landscaping.

With the assistance of the Agricultural Secretary, the horticulturists in the city of Edmonton Parks Department and the Alberta Department of Agriculture jointly made arrangements with CFRN-TV for a series of thirteen television programs on gardening. Each of the programs is moderated by a staff member of the University's Department of Horticulture. This is the first television course to be arranged through the University.

During the year, the Agricultural Secretary has, either directly or indirectly, assisted many provincial organizations including the Westlock Fair, the Alberta Horticultural Advisory Committee, the Farm Forum Radio Council, Allied Florists and Growers Association, the Northern Alberta Turf Grass Association, the Alberta Safety Council, the Canadian National Institute of the Blind and the Royal Commission on Education.

Citizens' Forum

As in previous years, the weekly radio and television productions in the Citizens' Forum series of discussion programs aroused a widespread interest. This was particularly true of two series of broadcasts on Unemployment and on Education, that were offered over periods of three weeks in December and in February. This technique assisted groups in their discussions of these important topics, and undoubtedly enabled more of the relevant points at issue to be presented for their consideration. A total of 110 correspondents followed the programs week by week.

Radio Extension

This year's total of programs broadcast by CKUA from the Campus studio included 123 talks, 7 organ recitals, 12 Western Board recitals and 30

record programs in the popular series 'My Saturday Evening Concert'. Of special interest were the various series of science talks and the study discussion series of ten talks on World Politics that were offered through the Department of Extension. Thirty-nine talks given in the regular program were subsequently rebroadcast during morning transmissions.

Extension Library

(See Table II)

Since 1913, the University of Alberta, through the Extension Library, has been offering library service by mail to residents of the province who do not have ready access to books in their own communities. As the province has grown, use made of the Library has increased steadily. For the year ending March 31, 1929, total circulation of books was 33,488; for 1938-39 51,007, for 1948-49 68,644 and for 1958-59 152,510.

Detailed statistical information is given in the accompanying table. Total circulation for 1958-59 has increased by 29,710, or a little more than twenty-four per cent over the previous year's total of 122,700. This increase represents a steady rise in the use of adult books in the Open Shelf and Travelling Libraries and a very heavy increase in the use of children's books.

The circulation of 50,477 for Travelling Libraries is estimated from reports submitted by custodians. It is evident that some may not have recorded full use of the books and that this figure should in all probability be higher.

Again this year, the Library has not been able to keep up with the requests for children's books. There is a continuing waiting list of from forty to fifty schools waiting to receive travelling libraries (boxes of thirty-five to forty books that may be kept three months). On the Open Shelf, that is parcels sent out by mail to families as well, the requests for children's books have been so heavy that it has been necessary to restrict the number of books sent to each child. Every effort has been made to maintain adult services as usual, and where necessary, to give priority to adult requests. While one of the responsibilities of library service—and indeed, one of its opportunities—is to supplement the work of the schools in developing the reading tastes of children and young people and to encourage them to continue their education after school, it is necessary that school authorities give serious attention to providing adequate book stock and other materials for classroom work. It is to be hoped that school libraries throughout the province will improve rapidly and that the University's important adult education service be relieved of demands for enterprise materials, etc.

Travelling Libraries were sent during the year to 240 different community groups—187 schools, 12 Home and School Associations, 7 summer camps, 4 mining camps and 30 clubs and other community groups. As usual, books were supplied for non-credit evening courses and for study groups in art, music and drama throughout the province. One woman wrote to tell about winning a first prize for handicrafts at the Canadian National Exhibition, her third success, and remarked "The Library books have been a great help". Members of a women's group in Red Deer asked for material on Canadian dramatists, and one later wrote: "We presented our joint effort to the University Women's Club here last evening and it was favorably received. We both appreciate ever so much the help you gave us—without which I'm sure I don't know where we would have obtained our information.

In general, books are sent only to areas of the province where little or no library service is available. Residents of Edmonton, Calgary, Lethbridge, Medicine Hat and Red Deer are not served directly, though any book in the collection is available to libraries in these cities through inter-library loan. Normally, books are not sent outside the province, but special exception has been made to allow service to the far north. Parcels of books are sent regularly to a few readers in Yellowknife, Fort McPherson and other northern points, and a few Travelling Library boxes have been sent to schools and other community groups in Yellowknife and Fort Smith. Books were also supplied for two leadership conferences at Banff, the Summer Session of the Banff School of Fine Arts and the Banff School of Business Administration. Books displays were organized at the Adult Education Conference in Banff, the Community Life Conference at Olds and during Farm Young People's Week and Varsity Guest Weekend on the University campus.



Geology Students Identifying Rock Specimens.

Reference questions received during the year totalled 1,610. In addition, a large number of routine inquiries were answered by letter. As usual, the questions received illustrate the wide range of interests of users of the Library. The first request of the year was for a history of witchcraft; the last for a history of cosmetics. There has been a considerable increase in inquiries about house plans, remodelling, interior decoration, house wiring, plumbing and heating. As usual, many requests have been received from high school students, adults taking correspondence or extramural courses, Women's Institutes and other groups seeking program material, for information on

English literature, the United Nations and its agencies, NATO, Canada's role in international affairs, and many aspects of Canadian history and culture. Other readers are interested in architecture of the Greek theatre, Heidelberg man, dialectical materialism, simple cookery, prospecting for uranium, mescaline, old spinning wheels, cooking a boned goose, preserving buffalo skulls, aboriginal hairdress, hot-rods, musk-ox, the Canadian Bill of Rights, physiognomy, centipedes, and homework as a detriment to health.

The Library was very fortunate to be among those receiving a set of the "Encyclopedia Canadiana" presented by the Richardson Century Fund to commemorate the hundredth anniversary of James Richardson & Sons, Limited. Several readers have donated current books, and small gifts of money are frequently made. One elderly man sent \$5.00 with a note, "There isn't a doubt that the value I have received from the library far exceeds any money I have subscribed".

Again this year the pressure of work has been very heavy. Much remains in the way of opportunity to provide the means of lifelong learning to men and women in the more isolated areas and to assist them in making the best use of their leisure hours. But while the day to day operation of the library has consumed the prime time and effort, much is being accomplished and the library staff is heartened by readers' appreciation. One went so far as to address an inquiry to "Dear friends and guardian angels". About books, a young girl writes: "I have found many of them informative, some of them inspiring and all of them entertaining. As an avid reader with a lot of time on my hands, I honestly do not know what I'd do without them." From another reader: "... the books sent me are the source of much enjoyment. Reading, in the life of an old woman like me, takes a large place and I am grateful to you for helping to fill it".

The function of the Library in serving as a goodwill ambassador of the University is underlined in a letter from a housewife in Peace River when a parcel was delayed for a short time: "This waiting . . . and wondering has made us appreciate more than ever how much we enjoy your wonderful service . . . my husband and I are both graduates of the U. of A. . . . We find that in raising our family here, although we love our fine north country, we are a little short of cultural influences. Your wonderful packages arriving every month make the University something very real and beloved by our harum-scarums . . ." And from a reader near Spirit River: "We live a long way from the nearest town, and your fine library service is a god-send to those who, like us, are isolated".

Visual Instruction Division

(See Table III)

Audio-visual materials have an important place in informal adult education in Alberta and as teaching aids, they play a useful role in both intramural and general adult classes. Members of the staff of the Visual Instruction Division have given effective and expert service to community organizations and individuals during the year as evidenced by various notes and comments of appreciation.

As has been the experience elsewhere, both the method of using film and total film usage is affected substantially by television. There is evidence of much more careful selection and discriminating use of audio-visual materials. After an initial negative impact, television tends to stimulate the use of films.

Circulation is somewhat larger than last year, with the total standing at 16,500 reels. Total audiences viewing films were slightly over one-half million persons.

There is a marked improvement in the quality of film material available and it is interesting to note that of the new films added to the library during the past year, fifty percent were in color.

Film strip circulation of 3,200 is somewhat higher than last year, while the use of slides has continued to decrease.

As in past years, the Visual Instruction Division has provided service to communities in a variety of ways: through the rental of projection equipment, catalogue revisions, provision of screenings, both on and off the campus and informal assistance. This year, blocks of films have been loaned both to the Edmonton Film Council and the Edmonton Area Film Federation on a long-term basis through an arrangement which maximizes the use of the library's film stock. Schools which are now building up their own libraries of film strips have taken advantage of the consulting service provided by the Division in the acquisition of suitable material.

It is a pleasure again to record the courtesies extended by the National Film Board and for the cordial and effective cooperative arrangements which have existed during the year.

Petroleum Industry Training Service

The Petroleum Industry Training Service, which is financially supported by the Canadian Petroleum Association, the Canadian Association of Oilwell Drilling Contractors and the Oil and Gas Conservation Board, has as its purpose the training of oil industry personnel. During the year under review, 1,009 employees attended 42 schools offered throughout the province and in Saskatchewan.

The schools are prepared under the guidance of a Production Training Committee and a Drilling Training Committee representing the sponsoring associations, and the organization is under the direct guidance from an Advisory Committee.

Altogether during the year, three members of the staff instructed a total of 426 lecture hours. Highlights among the courses were a Drilling Technology School, seminars for the Alberta and Central Canada Oil Scouts Association, the Alberta Landmen's Association, the Calgary Desk and Derrick Club, Calgary lawyers and the sponsoring of a school on Blowout Prevention presented by the Petroleum Extension Service, University of Texas.

Basis of the year's program, however, centered around the regular presentations of the 15 hour Battery Operations School, a 30 hour Drillers School, a 12 hour Supervisory Training School and several short courses on safety subjects. There was a steady and satisfactory response to all of this instruction, and despite a slight recession throughout the industry, the Petroleum Industry Training Service had a productive and well-supported year.

Fine Arts Division

Drama

Festivals are the show case of the amateur theatre and in continuing to guide and assist the Alberta Drama League in the organization of the Provincial One-Act Festival and the Alberta Regional Festival, the Extension Specialists give effective assistance to participating groups. The importance of these festivals to the development of theatre in Alberta is evident when it

is considered that they are the only way in which theatre activity from various parts of the province can be displayed, compared and evaluated. Not only are they an effective method of building theatre audiences but through the instruction offered by competent adjudicators, both audiences and players broaden their knowledge. Audiences totalling approximately 6,000, as well as 225 players, and technicians, have participated in these festivals this year.

The Medicine Hat Civic Theatre, which, it should be noted, is a group which has consistently entered both festivals for the past six years, won first place honors at both festivals. Their continuity of support has done much to raise and maintain the festival standards. Special mention should be made of their Director, Mr. Henry Allergoth, who has made a decided contribution, both to his own community and the province as a whole.

The Extension Drama Specialist has conducted nine workshops and drama courses totalling 48 sessions during the year in Lethbridge, Olds, Bowden, Medicine Hat, Edmonton, Calgary and Eckville, with a total attendance of 101. In addition, a total of 28 separate adjudications, lectures and demonstrations were given in 17 centres with an attendance of 1,507. A ten-week course in Speech was arranged in the Evening Division classes in Calgary with Leona Flegal Paterson as instructor. In May, a Theatre Conference was arranged in cooperation with the Drama Division of the Department of Fine Arts at the Studio Theatre. The general theme of the Conference was the promoting of an interest in and encouragement of new playwrights. Guest lecturer was Professor Robert Gard of the Wisconsin Idea Theatre.

For a four-week period in May and June, an outstanding lecturer, Mr. Brian Way, playwright and director of the London Theatre for Children Company, was brought to Canada through the cooperation of the Canada Council, the Dominion Drama Festival, the Nova Scotia Department of Education, the University of British Columbia, various drama organizations in Manitoba and this Department. While in Alberta, Mr. Way gave special lectures in Red Deer and Calgary, instructed in two evening courses sponsored by the Department of Extension, demonstrated in the training program for playground leaders sponsored by the Recreation Department of Edmonton and provided introductory direction of his play "Pinocchio", which was performed in the fall by the Edmonton Recreation Department's Theatre for Children.

Along with this training program, the advisory service concerned with play choice, stage planning and general organization has been maintained.

Music

During the year, the emphasis on the choral program in Extension Music has been continued. Since this is undoubtedly the area of greatest music activity, and the one in most need of help, 11 classes of ten weeks duration were organized in rural areas and 370 people registered for 20 hours of instruction. Contact with classes of previous years was this year regained through the medium of the Festival of Choirs. In this project, the Extension Specialist in Music, assisted fourteen community choirs in preparing a program for presentation in a mass choral festival held in Edmonton at the conclusion of the term.

The Department was fortunate this year in recruiting four instructors of first-class ability, including Hugh Bancroft, Bridget Headley and Wayne Matkin, for a series of classes arranged in the south of the province including Vauxhall, Claresholm, Nanton, Champion, Arrowwood and Okotoks.



Class in Modelling and Sculpture.

A Music Theory Workshop was conducted in Grande Prairie by Professor A. B. Crighton in which problems related to preparation of students for the Western Board of Music theory examinations were considered. In light of the response, other such workshops are being planned.

A series of lecture-recitals given by artists of ability not sponsored by the usual agencies was held under University auspices. A Beethoven program by Walter Schenkman, pianist of Greeley, Colorado, was presented in November. Boris Roubakine was heard on three consecutive Wednesday evenings in February and March of 1959 in a discussion and performance of the music of Schubert, Schuman, Franck, Faure and Chabrier. An outstanding event was the delightful lecture-recital given by Peter Pears, tenor, and Julian Bream, lute and guitar, both of England, in Convocation Hall in March. These, with the others, were outstanding musical events and the direction of our cultural growth cannot help but be influenced by the examples of musical artistry such as these. In this way is the musical public periodically reminded of the highest artistic standards in music.

Three classes in music were offered within the evening class program of the Department which included a survey of chamber music, conducted by Miss Ann Burrows, a new addition to the program, 'The Evolution of Jazz' carefully and professionally presented by Mr. T. Banks and Mr. R. Repka and a training course for church choir leaders conducted by Mr. Hugh Bancroft in Edmonton.

In addition to the assistance he has given the University Mixed Chorus, the Extension Specialist in Music has served in a number of capacities concerned with the promotion and direction of musical activities in Edmonton

and the province as a whole. These have included membership in the Alberta Music Board, the Alberta Music Educators Association (as Secretary-Treasurer), the newly formed Jeunesses Musicales of Canada (as Executive member and Treasurer). On the invitation of the City of Edmonton Recreation Department, he directed a production of Menotti's "Amahl and the Night Visitors", a Christmas presentation for children.

Painting

Under the energetic supervision of the Extension Lecturer in Painting, a productive, instructional and educational program within the Community Art Classes has been carried on this year. While it is a source of satisfaction to see the good quality and vigor displayed in the paintings of these amateur students, what is perhaps more important is the opportunity afforded the student to express his horizons and develop his creative talents. Instruction was offered in 24 centres to 487 students. Instruction in these classes was given primarily by the Extension Specialist in Painting, assisted by Miss Janet Middleton, Mr. Leslie Graff, Miss Joan Byrne and Professor Allison Forbes.

As in past years, the instruction of the Extension Specialist or guest instructors, was alternated by classes held under the instruction of local supervisors.

Extensive use in made of prepared materials including slides, films and tape-recorded talks in these classes. In addition to reference texts, ample reference reading is made available through the Extension Library. Several of the larger communities are being assisted in the provision of regular instruction to beginners. Local exhibitions were arranged at thirteen centres and five travelling exhibitions were made available to classes during the year. A special exhibition of twenty paintings of Community Art Class students was hung at the Canadian National Exhibition and two other sets of paintings from Community Art Class students have been dispatched to the Academy of Fine Arts in Munich, Germany, and to the College of Fine Arts, Missoula, Montana. The concluding items of the year's work were the Community Art Class Conferences held in Lethbridge and Edmonton respectively, attended by 115 members of the Community Art Classes as well as prominent Alberta artists and members of the University staff.

Public Administration Training Division

A significant new development in the University's Extension program has been the formation of a Public Administration Training Division. The establishment of this Division was in response to requests from municipal officers, including those in the field and in the Department of Municipal Affairs. The immediate purpose of the Division is to provide a broad training program to administrative officers and assessors.

Two, three-year-long certificate courses in Municipal Assessment and in Municipal Administration commenced in October, designed to provide a realistic and fundamental training program to beginners and refresher work for experienced assessors and municipal administrators.

An Advisory Committee, comprising representatives of the University, the Department of Municipal Affairs, the Association of Municipal District Secretary-Treasurers, the Union of Alberta Municipalities, the Alberta Association of Municipal Districts, the Association of Assessing Officers of Alberta and the Appraisal Institute of Canada, under the chairmanship of

the Director of Extension, gives guidance to the program. Registration this year was limited to 132 in Assessment and 133 in the Administration course.

These training programs envisage three stages. In each of the three years of the two courses, twenty comprehensive lessons have been prepared by the lecturer in Public Administration and by other experts in the field, and these, together with appropriate reference texts, copies of provincial Acts and much other supplementary materials, is forwarded weekly to students. During the term, the Lecturer in Public Administration, or an expert in one of the fields under discussion, has met with the student body who are organized in fourteen seminar groups in Three Hills, Castor, Wainwright, St. Paul, Westlock, Edmonton (3 groups), Red Deer, Calgary (2 groups), Pincher Creek, Lethbridge, Medicine Hat, Grande Prairie and Peace River. The purpose of the seminar has been to provide an opportunity for the discussion of questions arising out of the prepared materials, elaboration and clarification of difficult points and a general orientation of the material. In this purpose, it has been remarkably successful and attendance at the seminars has been very high. While the 259 students have found the material demanding, the drop out rate has been negligible. Following the final seminar, two three-day conferences, one in the north of the province, and the other in the south, will be arranged to provide a final review for the student, following which each will write an examination on the year's material.

Grateful acknowledgment is made to the Department of Municipal Affairs which provided financial assistance to the training program, to the willing officers of interested municipal organizations who gave freely of their time and to authorities in various fields who prepared a number of lessons.



Public Administration Seminar—Conference Room, Dept. of Extension.

Table I—Continued

Short Courses, Class Conference or Workshop	Co-sponsors	Location	Period	Hours	Attendance
42. Commercial Law		Edmonton	Oct. 1-Dec. 17	18	25
43. The Law in Action		Edmonton	Jan. 14-Apr. 1	18	40
44. The Frontiers of Physical Science		Edmonton	Sep. 30-Nov. 18	10	25
45. Introduction to Geology		Edmonton	Jan. 15-Apr. 2	18	46
46. The Land and Wealth of Alberta		Edmonton	Nov. 10-Dec. 15	15	13
47. General Oilfield Practices		Edmonton	Jan. 12-Mar. 16	20	133
48. Building or Buying Your Home		Edmonton	Jan. 12-Mar. 8	12	100
49. House Plants		Edmonton	Oct. 8-Nov. 12	9	35
50. Fundamentals of Gardening—Class 'A'		Edmonton	Jan. 14-Apr. 1	18	45
51. Fundamentals of Gardening—Class 'B'		Edmonton	Jan. 14-Apr. 1	18	45
52. Fundamentals of Gardening		Edmonton	Feb. 27-Apr. 24	18	29
53. Fundamentals of Gardening		Edmonton	Jan. 21-Apr. 8	18	39
54. The Art of Home Landscaping		Edmonton	Jan. 15-Apr. 2	18	29
55. Looking at Modern Painting		Edmonton	Sep. 30-Dec. 9	15	10
56. Introduction to Life Painting		Edmonton	Sep. 29-Mar. 16	40	14
57. Portrait Painting		Edmonton	Sep. 29-Mar. 16	40	15
58. Fundamentals of Drawing		Edmonton	Sep. 30-Mar. 3	40	32
59. Pictorial Composition		Edmonton	Oct. 1-Mar. 4	40	19
60. Advanced Life Painting		Edmonton	Oct. 1-Mar. 4	40	19
61. Fundamentals of Painting		Edmonton	Oct. 2-Mar. 5	40	40
62. Commercial Art		Edmonton	Oct. 2-Mar. 5	40	28
63. Pottery		Edmonton	Oct. 14-Mar. 17	60	12
64. Pottery (Advanced)		Edmonton	Oct. 16-Mar. 19	60	9
65. Modelling and Sculpture		Edmonton	Oct. 2-Mar. 5	40	11
66. A Survey of Chamber Music		Edmonton	Oct. 20-Dec. 15	12	19
67. The Evolution of Jazz		Edmonton	Jan. 12-Feb. 10	10	32
68. Cornerstones of Canadian Foreign Policy		Edmonton	Jan. 14-Feb. 18	9	16
69. The Government of Canada		Edmonton	Mar. 4-Apr. 1	8	14
70. Personality Development and Adjustment in Modern Society		Edmonton	Jan. 13-Mar. 31	18	26
71. Conversational Spanish	Lethbridge Junior College	Lethbridge	Oct. 20-Feb. 15	20	12
72. Conversational Spanish	Lethbridge Junior College	Lethbridge	Oct. 20-Feb. 15	20	14
73. Speech Improvement	Lethbridge Junior College	Lethbridge	Oct. 20-Dec. 8	12	10
74. Comparative Religion	Lethbridge Junior College	Lethbridge	Oct. 14-Dec. 16	15	15
75. Conversational French	Lethbridge Junior College	Lethbridge	Oct. 14-Dec. 16	15	12
76. Conversational French (Advanced)	Lethbridge Junior College	Lethbridge	Oct. 14-Dec. 16	15	12
77. Elementary German	Lethbridge Junior College	Lethbridge	Oct. 14-Dec. 16	15	12
78. Introduction to Social Welfare	Lethbridge Junior College	Lethbridge	Oct. 15-Dec. 17	15	30
79. Building or Buying Your Home	Lethbridge Junior College	Lethbridge	Jan. 19-Mar. 2	12	18
80. History of Lethbridge	Lethbridge Junior College	Lethbridge	Jan. 20-Mar. 24	15	12
81. Conversational German	Lethbridge Junior College	Lethbridge	Jan. 13-Mar. 17	15	12
82. Conversational French	Lethbridge Junior College	Lethbridge	Jan. 13-Mar. 17	15	12
83. Conversational French (Senior)	Lethbridge Junior College	Lethbridge	Jan. 13-Mar. 17	15	12

84. Law for the Layman	Lethbridge Junior College	Jan. 22-Mar. 26	15	20
85. Journalism	Lethbridge Junior College	Jan. 28-Mar. 26	15	16
86. Home Landscaping	Lethbridge Junior College	Jan. 19-Mar. 30	24	25
87. Law for the Layman	Medicine Hat Extension Committee	Oct. 8-Dec. 10	15	25
88. Music Appreciation	Medicine Hat Extension Committee	Oct. 7-Mar. 9	12	20
89. Recent Advances in Science	Medicine Hat Branch of Alberta Professional Engineers	Nov. 3-Mar. 3	20	60
90. Introduction to Social Welfare	Medicine Hat Extension Committee	Jan. 15-Mar. 19	20	18
91. Introduction to Psychology	Red Deer	Feb. 5-Mar. 26	16	22
92. Gardening	Red Deer	Jan. 28-Mar. 4	9	24
93. Introduction to Social Work—Class 1, Part B.	Edmonton	Apr. 10-Jun. 26	24	27
94. Introduction to Social Work—Class 2, Part A.	Edmonton	Apr. 9-Jun. 25	24	36
95. Introduction to Social Work—Class 2, Part B.	Edmonton	Sep. 24-Nov. 20	24	28
96. Human Growth and Personality Development—Class 1	Edmonton	Oct. 13-Mar. 10	36	22
97. Human Growth and Personality Development—Class 2	Edmonton	Dec. 9-Apr. 10	36	35
98. Introduction to Social Work—Part A	Calgary	Apr. 1-Jun. 17	24	38
99. Introduction to Social Work—Part B	Calgary	Sep. 23-Nov. 19	24	45
100. Human Growth and Personality Development	Calgary	Dec. 4-Apr. 30	40	43
101. Introduction to Social Work—Part A	Lethbridge	Jan. 27-Apr. 14	24	12
102. Credit Union Organization and Management	Medicine Hat	Sep. 25-Sep. 27	6	41
103. Photogrammetry	Edmonton	Apr. 8-Apr. 12	30	45

B. RURAL, COMMUNITY AND AGRICULTURAL SHORT COURSES AND CONFERENCES

104. Alberta Adult Education Conference	Banff	May 16-17	44	
105. Farm Young People's Week	Edmonton	Jun. 18-Jun. 27	60	161
106. Community Forum	Olds	Aug. 18-Aug. 20	28	
107. Leadership Techniques Short Course	Banff	Oct. 27-Nov. 7	80	32
108. District Meeting	Lethbridge	Nov. 11	24	
109. District Meeting	Calgary	Nov. 22	39	
110. District Meeting	Red Deer	Mar. 19	65	
111. Community Workshop	St. Paul	Feb. 21-Feb. 22	14	22
112. Rural Leadership Conference	Banff	Mar. 2-Mar. 13	82	34
113. Western Canadian Farm Leaders' Conference	Banff	Mar. 23-Mar. 27	30	23

Table 1—Continued

Short Courses, Class Conference or Workshop	Co-sponsors	Location	Period	Hours	Attendance
C. FINE ARTS EXTENSION CLASSES AND WORKSHOPS					
114. Summer Short Course	Lloydminster Art Club	Lloydminster	May 19-May 23	12	12
115. Summer Short Course	Medicine Hat Art Club	Medicine Hat	Jun. 9-Jun. 13	36	15
116. Community Art Class	Athabasca Art Club	Athabasca	Oct. '58-Apr. '59	24	20
117. Community Art Class	Bankf School Fine Arts	Bankf	Oct. '58-Apr. '59	52	18
118. Community Art Class	Evergreen Art Club	Bashaw	Oct. '58-Apr. '59	14	15
119. Community Art Class	Brooks Art Club	Brooks	Oct. '58-Apr. '59	12	15
120. Community Art Class	Camrose Art Club	Camrose	Oct. '58-Apr. '59	21	15
121. Community Art Class	Castor Art Club	Castor	Oct. '58-Apr. '59	18	10
122. Community Art Class	Drumheller Art Club	Drumheller	Oct. '58-Apr. '59	22	24
123. Community Art Class	Edson Art Club	Edson	Oct. '58-Apr. '59	21	22
124. Community Art Class	Ft. Saskatchewan Art Club	Ft. Saskatchewan	Oct. '58-Apr. '59	21	25
125. Community Art Class	Gr. Pr. Craft Centre	Grande Prairie	Oct. '58-Apr. '59	6	9
126. Community Art Class	Lacombe Art Club	Lacombe	Oct. '58-Apr. '59	24	18
127. Community Art Class	Lethbridge Sketch Club	Lethbridge	Oct. '58-Apr. '59	40	50
128. Community Art Class	Lloydminster Art Club	Lloydminster	Oct. '58-Apr. '59	24	20
129. Community Art Class	Medicine Hat Art Club	Medicine Hat	Oct. '58-Apr. '59	35	27
130. Community Art Class	Nanton Art Club	Nanton	Oct. '58-Apr. '59	28	30
131. Community Art Class	Ponoka Art Club	Ponoka	Oct. '58-Apr. '59	21	18
132. Community Art Class	Ralston Art Club	Ralston	Oct. '58-Apr. '59	28	15
133. Community Art Class	Red Deer Art Club	Red Deer	Oct. '58-Apr. '59	28	12
134. Community Art Class	Sedgewick Art Club	Sedgewick	Oct. '58-Apr. '59	15	12
135. Community Art Class	Sylvan Lake Art Club	Sylvan Lake	Oct. '58-Apr. '59	25	30
136. Community Art Class	Vermilion Art Club	Vermilion	Oct. '58-Apr. '59	21	20
137. Community Art Class	Viking Art Club	Viking	Oct. '58-Apr. '59	18	15
138. Community Art Class	Vulcan Art Club	Vulcan	Oct. '58-Apr. '59	14	8
139. Community Art Class	Wetaskiwin Art Club	Wetaskiwin	Oct. '58-Apr. '59	14	12
140. Looking at Modern Painting		Nanton	Jan. 12-Mar. 30	20	12
141. Alberta Theatre Conference	Dep't of Fine Arts	Edmonton	May 10	...	70
142. Directing Conference	Calgary M.I.A.	Calgary	May 16-May 30	...	13
143. Child Drama in Recreation	Recreation Department	Edmonton	May 26-May 29	16	85
144. Direction	Jr. Hospital League	Edmonton	May 26-Jun. 15	20	25
145. Child Drama Conference	Alberta Trustees' Ass'n.	Edmonton	May 30	...	30
146. Child Drama		Edmonton	Jun. 2-Jun. 18	12	19
147. Drama in Jr. and Sr. High Schools		Edmonton	Jun. 3-Jun. 19	12	7
148. Drama Workshop		Eckville	Oct. 8-Oct. 10	6	10
149. Speech		Calgary	Jan. 13-Mar. 17	18	12
150. Acting		Bowden	Jan. 26-Mar. 23	18	10
151. Acting		Medicine Hat	Jan. 27-Feb. 24	9	17
152. Acting		Lethbridge	Jan. 28-Feb. 25	9	15
153. Acting		Edmonton	Jan. 30-Feb. 27	9	21
154. Child Drama Workshop		Lethbridge	Feb. 4-Feb. 25	6	15
155. Choral Workshop	Y.W.C.A.	Edmonton	Jan. 12-Mar. 16	20	33
156. Choral Workshop	Local Community Organizations	Arrowwood	Jan. 14-Mar. 18	20	30
157. Choral Workshop	Local Community Organizations	Champion	Oct. 15-Dec. 17	20	26
158. Choral Workshop	Local Community Organizations	Claresholm	Jan. 13-Mar. 17	20	35

159. Choral Workshop	Local Community Organizations	Edmonton	Feb. 9-Mar. 23	14	45
160. Choral Workshop	Local Community Organizations	Immistail	Jan. 20-Mar. 24	20	37
161. Choral Workshop	Local Community Organizations	Nanton	Oct. 14-Dec. 15	20	24
162. Choral Workshop	Local Community Organizations	Nanton	Jan. 16-Mar. 20	20	24
163. Choral Workshop	Local Community Organizations	Otokots	Oct. 17-Dec. 19	20	25
164. Choral Workshop	Local Community Organizations	Stettler	Oct. 17-Dec. 19	20	15
165. Choral Workshop	Local Community Organizations	Stony Plain	Jan. 20-Mar. 24	20	43
166. Choral Workshop	Local Community Organizations	Vauxhall	Jan. 13-Mar. 17	20	12
167. Theory Workshop	Local Community Organizations	Grande Prairie	Sep. 19-Sep. 20	12	180
168. Piano Master Class	Dep't. of Fine Arts	Edmonton	Feb. 25-Mar. 11	6	

D. BUSINESS, INDUSTRIAL AND PROFESSIONAL COURSES

169. Airphoto Interpretation for Civil Engineers	Dep't. Civil Engineering	Edmonton	Feb. 9-Feb. 13	30	45
170. Seminar in English Linguistics	Dep't. of Citizenship and Immigration	Edmonton	Jul. 2-Aug. 14	150	6
171. English Usage for Chartered Accountants	Alberta Institute of Chartered Accountants	Calgary	Nov. 22-Jan. 24	24	37
172. English Usage for Chartered Accountants	Alberta Institute of Chartered Accountants	Edmonton	Nov. 22-Jan. 24	24	41
173. English Usage for Chartered Accountants	Alberta Institute of Chartered Accountants	Correspondence	Nov. 22-Jan. 24	24	17
174. Law in Action	Calgary Jr. Chamber of Commerce	Calgary	Oct. 1-Dec. 3	15	24
175. Effective Reading	Edmonton Jr. Chamber of Commerce	Edmonton	Oct. 20-Dec. 15	18	20
176. Supervisory Training	Edmonton Jr. Chamber of Commerce	Edmonton	Jan. 13-Mar. 24	20	24
177. Communication and Business Problems	Edmonton Branch, Engineering Institute of Canada	Edmonton	Oct. 20-Mar. 9	17	54
178. Credit Union Short Course	Edmonton Chapter C.U.L.	Edmonton	May 1-May 3	10	230
179. Municipal Administration	Dep't. of Municipal Affairs	Banff	Jun. 8-Jun. 11	15	75
180. Writing for Television	Dep't. of Education, Alberta School Trustees' Association, Municipal Secretaries' Association	Edmonton	Sep. 15-Sep. 17	18	13
181. Writing for Television	Dep't. of Education, Alberta School Trustees' Association, Municipal Secretaries' Association	Calgary	Sep. 18-Sep. 20	18	13
182. School Administration	Dep't. of Education, Alberta School Trustees' Association, Municipal Secretaries' Association	Banff	Jun. 11-Jun. 14	16	139
183. Podiatrists' Course	Edmonton Podiatry Association	Edmonton	Oct. 6-Oct. 7	12	9
184. How to Invest Your Money	Investment Dealers' Association	Correspondence	Oct. 1-Mar. 31	30	106
185. Introduction to Leadership	Council of Community Services	Edmonton	Nov. 3-Feb. 16	24	41
186. Motor Fleet Management	Alberta Motor Transport Association	Edmonton	Nov. 17-Nov. 21	30	37
187. Prospecting	Alberta and Northwest Chamber of Mines, Canadian Institute of Mining and Metallurgy	Edmonton	Jan. 14-Mar. 2	26	55
188. Planning Your Estate	Edmonton Trust Association, Canada Life Underwriters, Department of National Revenue, Faculty of Law	Edmonton	Jan. 14-Mar. 18	20	45
189. Managing Investments	Investment Dealers' Association	Edmonton	Jan. 27-Mar. 10	14	35
190. Managing Investments	Investment Dealers' Association	Calgary	Jan. 27-Mar. 10	14	104
191. Administrative and Financial Controls	School of Commerce	Edmonton	Jan. 26-Apr. 27	28	15
192. Real Estate Principles and Practice	Alberta Real Estate Ass'n.	Calgary	Jan. 27-Apr. 28	28	71
193. Real Estate Principles and Practice	Alberta Real Estate Ass'n.	Edmonton	Jan. 29-Apr. 30	28	47
194. Institute for Operating Room Nurses	Alberta Ass'n. of Registered Nurses and School of Nursing	Edmonton	Feb. 23-Feb. 27	27	33

Table 1—Continued

Short Courses, Class Conference or Workshop	Co-sponsors	Location	Period	Hours	Attendance
195. Institute for Operating Room Nurses	Alberta Ass'n. of Registered Nurses and School of Nursing	Calgary	Mar. 2-Mar. 6	27	32
196. Leadership Course for Indians	Dept. for Indian Affairs	St. Paul	Mar. 16-Mar. 20	20	16
197. Accounting I	Society of Industrial and Cost Accountants of Alberta	Edmonton	Oct. 9-Mar. 26	40	34
198. Accounting I	Society of Industrial and Cost Accountants of Alberta	Edmonton	Oct. 9-Mar. 26	40	34
199. Accounting I	Society of Industrial and Cost Accountants of Alberta	Edmonton	Oct. 9-Mar. 26	40	37
200. Accounting II	Society of Industrial and Cost Accountants of Alberta	Edmonton	Oct. 6-Mar. 23	40	33
201. Advanced Cost Accounting	Society of Industrial and Cost Accountants of Alberta	Edmonton	Oct. 7-Mar. 24	40	26
202. Fundamentals of Cost Accounting	Society of Industrial and Cost Accountants of Alberta	Edmonton	Oct. 9-Mar. 26	40	32
203. Industrial Legislation	Society of Industrial and Cost Accountants of Alberta	Edmonton	Oct. 6-Mar. 23	40	43
204. Industrial Legislation	Society of Industrial and Cost Accountants of Alberta	Edmonton	Oct. 6-Mar. 23	40	38
205. Industrial Legislation	Society of Industrial and Cost Accountants of Alberta	Edmonton	Oct. 6-Mar. 23	40	41
206. Industrial Organization and Management	Society of Industrial and Cost Accountants of Alberta	Edmonton	Oct. 10-Mar. 27	40	17
207. Accounting I	Society of Industrial and Cost Accountants of Alberta	Calgary	Oct. 9-Mar. 26	40	36
208. Accounting I	Society of Industrial and Cost Accountants of Alberta	Calgary	Oct. 9-Mar. 26	40	44
209. Accounting I	Society of Industrial and Cost Accountants of Alberta	Calgary	Oct. 9-Mar. 26	40	47
210. Accounting II	Society of Industrial and Cost Accountants of Alberta	Calgary	Oct. 6-Mar. 23	40	26
211. Accounting II	Society of Industrial and Cost Accountants of Alberta	Calgary	Oct. 6-Mar. 23	40	28
212. Advanced Cost Accounting	Society of Industrial and Cost Accountants of Alberta	Calgary	Oct. 9-Mar. 26	40	30
213. Fundamentals of Cost Accounting	Society of Industrial and Cost Accountants of Alberta	Calgary	Oct. 9-Mar. 26	40	30
214. Industrial Legislation	Society of Industrial and Cost Accountants of Alberta	Calgary	Oct. 6-Mar. 23	40	44
215. Industrial Legislation	Society of Industrial and Cost Accountants of Alberta	Calgary	Oct. 6-Mar. 23	40	43
216. Industrial Legislation	Society of Industrial and Cost Accountants of Alberta	Calgary	Oct. 6-Mar. 23	40	38
217. Industrial Legislation	Society of Industrial and Cost Accountants of Alberta	Calgary	Oct. 6-Mar. 23	40	36
218. Industrial Organization and Management	Society of Industrial and Cost Accountants of Alberta	Calgary	Oct. 10-Mar. 27	40	24

E. PETROLEUM INDUSTRY TRAINING SERVICE COURSES

219. Trident Drillers Schools	C.P.A., C.A.O.D.C., O. & G.C.B.	Edmonton	Apr. 7-Apr. 11	30	8
220. Drilling Technology School	C.P.A., C.A.O.D.C., O. & G.C.B.	Edmonton	Apr. 14-Apr. 18	30	26
221. Drilling Technology School	C.P.A., C.A.O.D.C., O. & G.C.B.	Edmonton	Apr. 21-Apr. 25	30	28
222. Drillers School	C.P.A., C.A.O.D.C., O. & G.C.B.	Edmonton	Apr. 21-Apr. 25	30	10
223. Scout Seminar	C.P.A., C.A.O.D.C., O. & G.C.B. and Western Canadian Oil	Calgary	Apr. 16-Apr. 18	21	20
224. Scout Seminar	C.P.A., C.A.O.D.C., O. & G.C.B. and Western Canadian Oil	Regina	Jun. 18-Jun. 20	21	16
225. Supervisory Training	C.P.A., C.A.O.D.C., O. & G.C.B.	Regina	Jun. 17-Jun. 20	12	11
226. Hydrogen Sulphide Gas	C.P.A., C.A.O.D.C., O. & G.C.B.	Red Deer	Jun. 25	21½	67
227. Hydrogen Sulphide Gas	C.P.A., C.A.O.D.C., O. & G.C.B.	Innisfail	Jun. 26	21½	57
228. Battery Operations School	C.P.A., C.A.O.D.C., O. & G.C.B.	Drayton Valley	Jul. 8-Jul. 10	15	9
229. Drillers School	C.P.A., C.A.O.D.C., O. & G.C.B.	Edmonton	Sep. 22-Sep. 26	30	6
230. Battery Operations	C.P.A., C.A.O.D.C., O. & G.C.B.	Drayton Valley	Oct. 28-Nov. 25	15	28
231. Battery Operations	C.P.A., C.A.O.D.C., O. & G.C.B.	Drayton Valley	Oct. 29-Nov. 26	15	22
232. Battery Operations	C.P.A., C.A.O.D.C., O. & G.C.B.	Valley View	Sep. 29-Oct. 3	15	20
233. Supervisory Training	C.P.A., C.A.O.D.C., O. & G.C.B.	Edmonton	Oct. 14-Oct. 17	12	8
234. Battery Operations	C.P.A., C.A.O.D.C., O. & G.C.B.	Weyburn, Sask.	Oct. 13-Oct. 17	15	18
235. Drillers School	C.P.A., C.A.O.D.C., O. & G.C.B.	Edmonton	Oct. 27-Oct. 31	30	17
236. Practical Oil Field Operations	C.P.A., C.A.O.D.C., O. & G.C.B. and Desk and Derrick Club	Calgary	Nov. 7-Dec. 12	12	24
237. Oil and Gas Lease (Law Seminar)	C.P.A., C.A.O.D.C., O. & G.C.B.	Calgary	Nov. 25-Dec. 5	12	20
238. Supervisory Training	C.P.A., C.A.O.D.C., O. & G.C.B.	Calgary	Nov. 25, 26-Dec. 2, 3	12	17
239. Supervisory Training	C.P.A., C.A.O.D.C., O. & G.C.B.	Calgary	Dec. 1-Dec. 4	12	17
240. Hydrogen Sulphide Gas	C.P.A., C.A.O.D.C., O. & G.C.B.	Fox Creek	Dec. 8	5	19
241. Hydrogen Sulphide Gas	C.P.A., C.A.O.D.C., O. & G.C.B.	Whitecourt	Dec. 9	5	13
242. Hydrogen Sulphide Gas	C.P.A., C.A.O.D.C., O. & G.C.B.	Swan Hills	Dec. 11	5	81
243. Battery Operations	C.P.A., C.A.O.D.C., O. & G.C.B.	Red Deer	Jan. 7, 13, 14, 20, 21	15	20
244. Blowout Prevention	C.P.A., C.A.O.D.C., O. & G.C.B. and Pet. Ex. U. of Texas	Calgary	Jan. 26-Jan. 27	12	33
245. Blowout Prevention	C.P.A., C.A.O.D.C., O. & G.C.B.	Edmonton	Jan. 29-Jan. 30	12	30
246. Supervisory Training	C.P.A., C.A.O.D.C., O. & G.C.B.	Pincher Creek	Feb. 2-Feb. 5	12	15
247. Battery Operations	C.P.A., C.A.O.D.C., O. & G.C.B.	Drayton Valley	Jan. 27-Feb. 3, 10, 13, 17	15	22
248. Battery Operations	C.P.A., C.A.O.D.C., O. & G.C.B.	Breton	Jan. 28-Feb. 4, 6, 11, 18	15	19
249. Supervisory Training	C.P.A., C.A.O.D.C., O. & G.C.B.	Calgary	Feb. 17, 18, 24, 25	12	22
250. Alberta Landmen's Seminar	C.P.A., C.A.O.D.C., O. & G.C.B. and Alberta Landmen's Association	Calgary	Mar. 2-Mar. 4	12	86
251. Hydrogen Sulphide Gas	C.P.A., C.A.O.D.C., O. & G.C.B.	Estavanan, Sask.	Mar. 11	5	109
252. Hydrogen Sulphide Gas	C.P.A., C.A.O.D.C., O. & G.C.B.	Devon	Mar. 17	21½	15
253. Fire Control School	C.P.A., C.A.O.D.C., O. & G.C.B.	Swan Hills	Mar. 19	21½	30
254. Supervisory Training	C.P.A., C.A.O.D.C., O. & G.C.B.	Drayton Valley	Mar. 17-Mar. 20	12	22
255. Fire Control School	C.P.A., C.A.O.D.C., O. & G.C.B.	Red Deer	Mar. 24	5	25

7,680

TABLE II
STATISTICAL INFORMATION, EXTENSION LIBRARY

	1957-58	1958-59	Difference
<i>Open Shelf</i>			
	1957-58	1958-59	Difference
Adult books	56,815	64,525	7,710
Periodicals and pamphlets	1,954	1,413	—541
Children's books	20,404	35,544	15,140
	79,173	101,482	22,309
<i>Travelling Libraries</i>			
No. of Travelling Libraries sent out (35-40 books per box):			
	1957-58	1958-59	
Adult	103	115	
Mixed (adult and children's)	60	55	
Children's	382	425	
	545	595	
Circulation (Recorded outside the Library)	43,185	50,477	7,292
<i>Banff School of Fine Arts</i>	342	451	109
<i>Total Circulation</i>	122,700	152,410	29,710
<i>Reference questions</i>	1,481	1,610	129
<i>Number of books in collection</i>			
At April 1, 1958		47,465	
Accessions	4,529		
Withdrawals	2,335	2,194	
At March 31, 1959		46,659	
<i>Membership</i>			
Open Shelf—Number of active readers' cards (Each representing from one to eight persons)			6,134
Travelling Libraries—Number of community groups to whom libraries were sent			240

TABLE III
STATISTICAL INFORMATION, DIVISION OF VISUAL INSTRUCTION

<i>Number of Moving Picture Films in Library:</i>	
Silent, 8 mm. and 16 mm.	505
National Film Board Sound Films	925
Sponsored Sound Films	280
Sound Films, General	1,589
Total Films in Library	3,299
Number of new films added to library during year (included in the above)	89
Number of Filmstrips in the library	2,487
Number of sets of 2 × 2 slides in library	180

FILM CIRCULATION

	1958-59	1957-58	Comparison
Number of reels silent films sent out	891	721	+170
Number of reels sound film sent out	16,519	16,293	+226
Total sets of moving pictures sent out	3,980	3,997	-17
Total number of showings of films, sound and silent	5,266	5,253	+13
Total audience viewing films	504,739	467,132	+37,607
Number of times projection service supplied	201	210	-9
Number of screenings for groups in screening room	90	59	+31

SLIDES AND FILMSTRIPS

	1958-59	1957-58	Comparison
Number of 2 × 2 slides sent out	68	122	-54
Total audience viewing slides	2,304	3,036	-732
Individual filmstrips sent out	3,158	3,016	+142
Total audience viewing strips	54,991	66,312	-11,321

TABLE IV
GENERAL STATISTICAL SURVEY

Lectures

University staff and Department of Extension staff	1,970	
Aggregate attendance		101,074
Number of radio and TV talks	149	
Conferences and short courses, Table I	255	7,680
Feeder's Day attendance	2,250	
Breton Field Day attendance	250	
	—	2,500

Visual Instruction

No. of 2 × 2 slides and individual filmstrips sent out	3,226	
Total audience viewing slides and strips		57,295
Number of reels of silent film sent out	891	
Number of reels of sound film sent out	16,519	
Total sets of moving picture films sent out	3,980	
Total showings of films, sound and silent	5,266	

Library Circulation

Travelling Libraries		50,477
Open Shelf:		
Adult Books	64,625	
Juvenile Books	35,544	
Periodicals and Pamphlets	1,413	
Total		101,482

Study Group Material

Number of Citizens' Forum Bulletins sent out	1,470
Number of copies of New Canadian Plays sold	154
Number of bulletins, circulars and leaflets sent out	31,436



ANNUAL REPORT

on

Extension Activities

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Annual Report on Extension Activities
of the
UNIVERSITY OF ALBERTA
for the year ending March 31st, 1960

ANNUAL REPORT
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Extension Activities of the University
of Alberta
for the Year ending March 31st
1960

Published by
Department of Extension, University of Alberta
Edmonton, Alberta

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Annual Report on Extension Activities

of the

UNIVERSITY OF ALBERTA

for the year ending March 31st, 1960

Edmonton, April 21, 1960

Dr. Walter H. Johns,
President, University of Alberta.

Mr. President:

I have the honour to submit the forty-seventh annual report on extension activities of the University for the year ending March 31, 1960.

Members of the staff of the University report a continuing association with the public, both urban and rural. During the past year some 2,230 lectures and demonstrations were presented to an estimated total audience of 85,000. Well over 200 radio or television appearances served to establish a link between the people of Alberta and their University.

While these figures are impressive, they do not tell the whole story. Faculty members are generous in many fields of cultural enrichment and community betterment. Aid to the Edmonton Symphony Orchestra, the Western Board of Music, adjudication at all levels of choral and dramatic productions, assistance in advising, conducting and administration of the large number of professional societies and cultural groups, guidance in physical fitness and athletic endeavors—all these come within the scope and enthusiasms of members of the University's staff. A vast correspondence is handled by many, advising and counselling those who turn to the University for authentic information and impartial advice. In these ways, the University plays a vital role in the daily life and aspirations of a large portion of our province's population.

Acknowledgment should be made here of the generous giving of time extended by members of the staff and a number of prominent business and professional men and women. Advisory committees are invited to consider and plan prospective educational offerings and later to assess their results, thus giving invaluable help to setting standards in keeping with the reputation of the University.

Short Courses, Evening Classes and Conferences

A glance at Table I reveals the extent and diversity of the short course, evening class and conference program arranged by the various divisions of University Extension, more detailed reports of which appear elsewhere in this report.

The program of non-credit evening classes continued to expand in both Edmonton and Calgary, although its development was limited in Medicine Hat and in Lethbridge. A more varied program was offered in the two main centres; total enrolment rose substantially and the standard of work achieved in these classes continued to improve. Many aspects of these programs are worthy of comment, but of especial interest is the series of language courses

offered in Edmonton. In addition to regular courses in Conversational French, Spanish, Italian and German, University Extension offered highly successful courses in Ukrainian, Russian, Polish and English Conversation and Pronunciation. For the first time advanced courses were offered in some of these language topics and, also for the first time, use was made of the University's Language Laboratory in the extension program. These facilities proved of considerable value to students—especially to those who followed the course in English Conversation and Pronunciation—a training project that has been developed for those new Canadians with a grasp of the fundamentals of English but who wish to improve their spoken command of the language. The program of non-credit evening classes, with its emphasis on longer and more intensive work and increased student participation, represents an increasingly important area of activity within the Department.

The program of short courses and conferences for Business, Industrial and Professional Groups, and especially that section that relates to the development of longer term Certificate Courses is of increasing significance. During the year under review student groups were working on Certificate Courses in Social Welfare, Real Estate, Municipal Administration, Municipal Assessment, Accountancy and Personnel Administration. The course in Personnel Administration represents a useful addition to the program for this year. This first series of meetings affords an introduction to various aspects of Personnel Administration and it is hoped that in the second and third year studies, class members will acquire a basic knowledge of this increasingly important subject. Arrangements for this course have been developed in collaboration with the Edmonton and Calgary Personnel Associations, and the program is directed by an Advisory Committee including representatives of the University's Faculty of Commerce.

Further expansion of the program for industry and commerce are represented by the courses Retailing Principles and Practice and the Industrial Relations Seminars held in both Edmonton and Calgary in October, 1959.

It is a pleasure to record our appreciation of the advice, collaboration and assistance proffered and accepted by the business community and in particular by the Chambers of Commerce and the Canadian Manufacturers' Association.

Mathematics and the sciences have been given fresh emphasis this year. For the first time programs were offered in Numerical Method, Computer Programming and Engineering Mathematics and these will be followed by similar series in the future. These courses will represent a useful opportunity to adult students—many of them graduates—wishing to improve their qualifications in the engineering fields. Courses in 'Photo Interpretation for the Petroleum Industry' and 'Applied Photogrammetry and Airphoto Analysis', instructed by ranking specialists drawn from across the continent, illustrate the role of the University in providing post-graduate level refresher courses for professional staff. By way of contrast, the Calgary and Edmonton evening class on 'An Introduction to Theoretical Physics' suggests an approach by the University towards interpreting University studies to students just preparing themselves for higher education.

In addition to the activities outlined above and in later sections of this report, members of the Department as individuals and the Department as a whole have been involved in a variety of other projects of importance to individuals and organizations across the Province. These projects range from

major assistance to the Alberta Adult Education Conference, which seeks to facilitate the development of adult education within the province, to our continuing collaboration with the I.O.D.E. and the Hazel Robinson Memorial Committee in the administration of creative writing competitions, to the preparation and development of study discussion courses in 'Aging is Everybody's Business' and 'Canada and World Affairs' in conjunction with the Alberta Women's Institutes, and to cooperation with the Banff School of Fine Arts in presenting its performances in Edmonton.

Agricultural Extension

Leadership Training

The Department's five-stage program of leadership training, from the Farm Young People's Week to the Western Canadian Farm Leaders' Conference, enjoys the enthusiasm and generous financial support of the farm people from across the province.

The 41st Annual Farm Young People's Week, arranged for 104 young farmers, was strengthened by more concentrated work in several fields.

The Leadership Techniques Short Course continues to provide a most valuable 'working' training course for rural leaders. Although harvest conditions were poor, 73 persons made application to attend of whom half were selected. The Rural Leadership Conference, a two week residential project with emphasis on socio-economic problems, now held annually in early March, makes a well-worthwhile contribution to the forty Alberta farm leaders who attend. It is doubtful if there is a greater need among farm leaders than for the assistance this Conference offers.

The Second Annual Western Canadian Farm Leaders' Conference was fortunate in securing the services as consultants of Dr. W. J. Anderson, Chairman of the Department of Agricultural Economics at U.B.C., Dr. E. J. Tyler of Brandon College, Professors E. J. Hanson and G. R. Davy of the University's staff and Dr. W. M. Drummond of the federal Department of Agriculture. This week-long residential meeting is limited to twenty-five senior farm leaders at the policy making level. That it fills an important need is evident from the generous support which it receives and the earnestness and high level of its deliberations.

Publications and Advisory Service

Research publications prepared by the Faculty of Agriculture and completed during the past year include: Rocky Mountain House Soil Survey, Swine Production in Alberta, Sheep Production in Alberta, 1959 Feeders' Day Report, 1960 Press Bulletin, Handy Record Book for Swine, List of Agricultural Publications of the University of Alberta, Chemical Control of Couch Grass and seven Insect Information Leaflets.

In order to make printed materials on non-technical subjects available to farmers, a series of 'Extension Papers' has been established which included as subjects this year "Vertical Integration", "General Trends of Farming in Western Canada", "The Changing Rural Environment", "How Well Off Are Western Canadian Farmers?", "Implications for Rural Extension Research and Training". The publication "The Development of Producer Marketing Boards in Canadian Agriculture", a major publication prepared by L. E. Poetschke and Wm. Mackenzie, was also reprinted this year. Another new series of publications—a collection of "Leadership Papers"—was also instituted this

year. The first titles to be issued in this series were as follows: Guide for Judging Public Speaking, Public Speaking Judging Chart, Chairmanship, Parliamentary Procedure and Evaluation of Programs and Activities of an Organization. This new series will be of help to rural groups and organizations which have requested them.

During the past year, a wider distribution of agricultural publications has been offered through:

- (a) Press releases were prepared and sent to all radio stations, T.V. stations, daily newspapers and agricultural magazines and papers.
- (b) Listings of all publications were made in the monthly 'Selected List of Recent Agricultural Publications'.
- (c) A large bulk distribution was made through non-commercial organizations, i.e. V.L.A. and F.U.A.
- (d) A booklet 'Agricultural Publications of the University of Alberta' was prepared.

It is interesting to note that in 1958-59, 1,830 publications were distributed to requests and inquiries, in 1959-60 the number of publications distributed in reply to direct requests was 2,472 copies.

Distribution of the monthly 'Selected List of Recent Agricultural Publications' was initiated just over a year ago and it has been well received by the farmers and fieldmen throughout the province. The mailing list has grown from 60 to 400 in the past twelve months.

During the past year there has been a substantial increase in the number of requests for information on technical agriculture, leadership materials and horticulture.

Referral of written requests, chiefly to experts with the University, telephone calls and office calls to the proper sources of information are part of this advisory service.

Evening Classes and Courses

As a follow-up to the extensive evening program of gardening classes implemented last year, a total of seven classes were arranged during the year in Edmonton, Calgary and Medicine Hat.

A correspondence course in the fundamentals of 'Farm Record Keeping' has been developed and will be ready for distribution in the coming year.

The Agricultural Secretary, working in cooperation with the Ontario Agricultural College, is making available a three-year Correspondence Course in Horticulture to residents of Alberta.

During the past year considerable assistance has been given to the newly organized Farmers' Union and Cooperative Development Association through workshops and seminars sponsored by this organization. It is a particular satisfaction to record the financial support and close cooperation of the major farm organizations of the province.

Extension Library

Once again the Extension Library has had a very busy year. Total circulation of books for the twelve months ending March 31, 1960, was 178,248, an increase of 25,838 over 1958-59. Details of circulation are presented in the accompanying Table II.

The heaviest increase was in the Open Shelf service, i.e. parcels of books

sent by mail to individuals and families throughout the province who do not have access to public libraries in their own communities. The number of adult books sent increased by over 23% from 65,938 to 81,549; the number of children's books by about forty per cent from 35,544 to 49,944. Though books were used to capacity, during the winter there was a long waiting list of new applications from children and young people.

Requests for Travelling Libraries have, on the other hand, declined somewhat during the year. This is a reflection of the priority in service given to families and adult organizations rather than to schools. It should be noted as well that the Open Shelf service has been free and permits the selection of specific titles rather than a general selection typical of the Travelling Library service. Monthly or occasional parcels of books chosen from the Open Shelf can meet specific needs more promptly and adequately than can a general selection of books in a Travelling Library. For example, during the year one small library borrowed books on marriage, the history of the Catholic Church, fundamentals of radio, how to build motor scooters, a guide to book selection for the librarian's use and a monthly selection of new mystery stories. Another library borrowed a guide to books for young people, a collection of plays for high school students, books on coin collecting, raising pigeons, the history of western philosophy, amateur radio, electricity, adoption and dinosaurs' footprints. Open Shelf books are returned when no longer needed and become available for another borrower, whereas Travelling Libraries are usually held three months, regardless of use. Travelling Libraries were sent to 180 different community groups—schools, churches, camps and other organizations—and to study groups in art, music and drama throughout the province. As usual, books were provided for students of non-credit evening courses offered by the Department of Extension and for the summer session of the Banff School of Fine Arts. Displays were prepared for the annual Adult Education Conference in Banff, Farm Young People's Week and Varsity Guest Weekend on the University Campus. Other publicity is limited.

One thousand, five hundred and fifty reference questions were received during the year, in addition to a large number of informal inquiries about addresses of organizations, publishers, prices of books and so on, of which no record is kept. Included were many requests for information on the United Nations, English literature and various aspects of Canadian history, life and culture. Other requests ranged from the care and training of beards, "mussell-building" and advanced baton twirling to the International Court of Justice and prospects for world peace.

A new edition of the printed catalogue of books in the collection, last issued in 1953, is being prepared. The fiction section was distributed in 1958, and during the past year the biography section and the history and travel section were issued. In preparing these catalogues, it was necessary to weed the collection, and as a result the total number of books declined; 4,661 new books were added, over 6,000 badly worn or out-of-date books were discarded. Although the book stock numbers only 48,101, the resources of the Library are in fact much larger, since the collections of the Rutherford Library and the Edmonton Public Library are available. The assistance and cooperation of the staff in these two libraries is much appreciated.

The Library was fortunate to be among those receiving a copy of the 'Atlas of Canada' presented by the Richardson Century Fund to commemorate the hundredth anniversary of James Richardson & Sons Limited. Also, many

readers sent unsolicited gifts of books or money. One enclosed \$5.00 with a note: "I wish it could be larger. The value of such a library is impossible to estimate. We appreciate getting so many good books".

While increased circulation has meant heavy demands on the staff, they are encouraged by many letters of appreciation. Typical remarks are: "I do appreciate so much what your services have meant to my children. It proves it out in the classroom; their teachers tell me so." "We enjoy the books immensely and your staff is such a marvelous help with personal requests. We are certainly fortunate to have such a wonderful library." "I find my membership in your library is my greatest joy." "I have appreciated your excellent and helpful service more than I can express. Congratulations to you and your Department for assisting so many throughout the Province to have beneficial and enjoyable reading, which would otherwise be unavailable."

Visual Instruction Division

The activities of this Division are continuing at a high level and as Table III indicates, for the third successive year, sound film circulation shows a gain. Circulation of silent films however has declined but there has been a considerable increase in the number of times the films were shown and the consequently larger viewing audiences. Use of slides still follows a downward trend but an increase of over 10% in filmstrip circulation is noted.

The Division's services cover a variety of activities of a special nature. Blocks of films have again been supplied to the Edmonton and Grande Prairie Film Councils and the Edmonton Area Film Federation on a long term basis. The number of schools using the Division's facilities in purchasing filmstrips for their own libraries shows no signs of abating. In addition the Division handled the incoming and outgoing of all films used by the Edmonton Film Society and the Medical Undergraduate Society. The use of visual aids in Extension courses and by members of the Department for lecture purposes has surpassed that of last year.

Besides adding new material to the library each year, we replaced popular subjects that have been worn out. Last year sixty new subjects (52 in 16 mm. sound and 8 in 8 mm.) were purchased and 16 titles (14 in 16 mm. sound and 2 in 8 mm.) were replaced. As requests for colour material are increasing, special efforts are being made to meet this demand. About 60% of our film purchases and over 80% of our filmstrip purchases are now in colour.

A most welcome addition to the library has been a large block of films from the United Kingdom Information Service, provided through the Canadian Film Institute on a loan basis. Last year 94 subjects were received in this block and further additions are being made from time to time. A steady program of catalogue revision is maintained.

To a greater extent than ever, this staff is indebted to the National Film Board and the Canadian Film Institute for their cooperation. The assistance received from these organizations is of considerable help in our work and is much appreciated.

Fine Arts Division

Music

University Extension in Music has reached into new areas of music training this past year. One area involves a course in music appreciation for business people offered in a downtown auditorium in Edmonton at noon hours. For twenty weeks enthusiastic students have been nibbling a sandwich while an

instructor offers insights into music history, the orchestra and basic musical forms. This series has been received so heartily that it will be continued in future years.

Several 'out-back' communities have received courses in Choral Singing and Conducting as a result of a new approach to the ten-week Choral Workshop idea. Classes are held on three consecutive nights rather than the usual one meeting a week. The instructor has a minimum of travelling with this arrangement and has the added advantage of being available for daytime consultation with school teachers and choir leaders. Five courses of this nature are being held this season.

Choral Workshops are offered as widely as available staff will allow. The demand always exceeds our ability to meet it. Ten week classes have been organized in Canmore, Hardisty and Nanton. Two courses in Vulcan and Calgary have been extended to twenty weeks.

Guest instructor Hugh Bancroft taught a ten-week course in Free and Invertible Counterpoint to Edmonton teachers last fall to help them meet the new counterpoint requirements of some examination boards. Two classes for concert goers and record collectors entitled "What to Listen for in Music" and "Great Music" have been arranged this past winter. Three lecture recitals on "Beethoven through his Piano Sonatas" by Boris Roubakine were sponsored in both Calgary and Edmonton.

The Massed Choir Festival which brought community choral groups from rural Alberta together last year in Edmonton was held in two sections, one in Calgary and one in Edmonton this year. The emphasis was less on music for massed choirs and more on the performance of individual groups. Ten choirs with about three hundred singers joined the Edmonton Festival while twelve choirs with about four hundred singers joined the Calgary festival. Each participating choir was auditioned to ensure a certain standard of performance. Whatever that standard, it will be much higher in twenty years with the help of annual Festivals of Choirs.

An activity of especial interest was the series of four Summer Concerts offered in collaboration with the Edmonton Symphony Society during the period of the University Summer School. From the very start it was evident that the series was arousing keen interest in the community and over 300 people attended each of the first three concerts—building up to a climax at the last concert when a capacity audience of over 700 people assembled to hear a performance of Haydn's "Creation". It is planned to offer a similar series again in 1960 as part of a more extensive Summer Festival of the Arts and this may very well be an important addition to our regular annual program. In addition to this successful collaboration with the Edmonton Symphony Society, we also worked with the Society in arranging three out-of-town concerts at the end of its 1959 season.

Drama

As in past years a considerable amount of time has been devoted to assisting the Alberta Drama League with its two main projects: the Provincial One-Act Festival and the Alberta Regional Festival. Approximately 243 individuals participated in the 20 productions entered in the two Festivals. There is no doubt that the work of the Extension Specialist with these two festivals represents a necessary and important contribution to the development of theatre in the province.

Training programs in Directing, Acting, Drama, Voice and Speech, and Child Drama were offered in Medicine Hat, Lethbridge, Edmonton, Westlock, Peace River, Dixonville, Red Deer, Calgary, Stirling and Waterton Park to a total of 514 students in 167 teaching hours. Instruction on these courses was in the hands of Miss Nelson with assistance from two guest instructors, Mrs. Freda de Branscoville of Edmonton and Mr. Brian Way of London, England, for some sections of the program. The assistance of these experts as part-time instructors was of great value to our groups and their classes were received enthusiastically.

In addition to the training program, many requests for information demonstrations, talks and rehearsals from groups as far apart as High Prairie and Waterton Park were met by the Specialist, who also acted as adjudicator in many local dramatic festivals held in various parts of the province. A total of 689 people took part in these informal activities.

Painting

The program of Community Art Classes continued to represent the major element in this section of University Extension's annual program. Two hundred and twenty-three classes were held in 29 communities with a total enrolment of 589 students. Most of the instruction to these classes was undertaken by the Extension Specialist, Mr. Harry Wohlfarth, but valuable assistance was also rendered by Miss Janet Middleton, Miss Joan Byrne, Miss Margaret Staples, Mr. B. Oldrich, Mr. B. W. Luttmer and Professor Allison Forbes. As in past years the instruction by the Extension Specialist or guest instructor alternated with classes held under the instruction of local supervisors, who contributed a considerable amount of time and effort to securing the success of the local program.

Many of these local instructors attended two short courses for senior students held in Lethbridge and Edmonton in May, 1959.

As the program develops and students gain in experience, exhibitions of students' work become ever a more important part of the program. This year, in addition to local showings in sixteen Alberta Communities, there was assembled a travelling exhibition that was shown at the Academy of Fine Arts in Munich, Germany, in June, 1959, and a further selection of eighteen paintings was shown at the University of California at Berkeley.

During the summer of 1959 the Extension Specialist delivered papers at the Universities of Munich, Bonn and Berlin and at the Art Academies at Munich and Dusseldorf. This visit to Europe provided unusual opportunities for research in Italy, Germany, and France.

Petroleum Industry Training Service

The Petroleum Industry Training Service, which is supported by the Canadian Petroleum Service, the Canadian Association of Oil Drilling Contractors and the Alberta Oil and Gas Conservation Board, has as its purpose the training of oil industry personnel. Courses are prepared with advice from a Production Training Committee and a Drilling Training Committee drawn from the industry, and the organization as a whole is under the direct guidance of an Advisory Committee.

During the year under review, 705 employees attended 31 schools offered throughout the province and in Saskatchewan. Courses offered in-

cluded Supervisory Training, Battery Operations, Field Handling of Natural Gas, Drilling Technology Schools, Production Technology Schools, Drilling Rig Operations and several short courses on safety subjects. A highlight of the year's activity was the inauguration of a correspondence course for Gas Plant Operators, which is proving to be of very great value to employees new to this section of the industry.

In spite of a recession throughout the industry, which led to a substantial cut in grants and necessitated a reduction in staff, the Petroleum Industry Training Service had a productive and well-supported year.

Public Administration Training Division

The Public Administration Training Division offers two certificate courses, each of three year's duration. They are designed to provide assessors and administrators with a background to local government and training in the fields of municipal assessment and municipal administration.

In October, the Division began its second year of instruction, with classes made up of first and second year students in each of the Municipal Assessment and Municipal Administration courses. The programs are handled by two lecturers, each dealing with one of the courses. Registration for the current academic session shows 66 first year and 85 second year students in the Municipal Administration course, 33 first year and 95 second year students in the Municipal Assessment course.

The program operates on a correspondence-seminar plan. Each year there are approximately twenty comprehensive lessons prepared by staff and experts in the field. These lessons, together with texts, statutes and other reference materials are forwarded to the students. During the academic session the lecturers meet the students in twelve centres throughout the province: in Lacombe, Calgary (two seminars), Pincher Creek, Lethbridge, Medicine Hat, Sedgewick, Hanna, St. Paul, Thorhild, Peace River, Grande Prairie and Edmonton (four seminars).

The seminars provide the students and instructors with opportunities to discuss questions, problems and theories arising out of the prepared material and references, as well as other questions concerning local government. The quality of discussion, the good level of attendance, and the results of the mid-term examinations show that the seminars have been extremely successful. The seminars are concluded by a final review session in Calgary and Edmonton and written examinations at various points in the province.

Next year, in the third year of operation, the work will encompass a comprehensive study of commercial law, accounting, business administration and appraisal in the two municipal courses and the preparation of a course for school business administrators. It is anticipated that a program similar to the existing courses will be offered shortly to school secretary-treasurers. The prospective future developments of the Division will be in the fields of provincial and federal administration.

The Division is indebted to the following members of its advisory committee: Department of Political Economy, University of Alberta, The Department of Municipal Affairs, the Alberta Association of Municipal District Secretary-Treasurers, the Union of Alberta Municipalities, the Alberta Association of Municipal Districts, the Association of Assessing Officers of Alberta and the Appraisal Institute of Canada.

Staff

University extension is built on a basis of solid cooperation and it is a pleasure to record the financial and other support of Alberta organizations and the individual contributions of their staff members. Too, the University is indebted to many men and women from business and the professions in the province, experts in their field, who have given generously of their time and skill in extension programs. Special recognition should be made of all members of the staff including those of the Department of Extension who have shared the responsibility for the programs described above.

During the period of review, Mr. Zachariah Kay, B.A., M.A., joined the staff as Lecturer in Public Administration. Miss Margaret Galloway, B.A., of the Extension Library, returned to her home in South Africa.

Conclusion

During the year under review, education in Alberta has been the subject of sharp inspection and of heated debate. In all of this, the rising stature of adult education, consideration of its functions and emphasis has been the object of careful scrutiny. Continuing education, it has been stressed, is no longer the out-of-the ordinary, no longer associated with "peculiar, discontented or radical people". Moreover, stress has been laid, and properly so, on the growing responsibility of the university—particularly the state institution—in meeting the continuing education needs of its community.

Indeed, having in mind the mercurial and explosive times in which we live, we can only regard the educated person as "one who is at work on his own enlargement". It is in the provision of avenues to continuing learning that the University has found special responsibility and special opportunity.

Respectfully submitted,

Duncan Campbell, Director.

Table 1—Short Courses, Classes, Conferences and Workshops Arranged and Organized by the Department of Extension

Short Course, Class Conference or Workshop	Co-sponsors	Location	Period	Hours	Attendance
A. EVENING DIVISION					
1. Conversational French (Introductory)		Calgary	Oct. 13-Dec. 15	15	25
2. Conversational French (Senior)		Calgary	Oct. 13-Dec. 15	15	22
3. Conversational Spanish—Class A		Calgary	Oct. 13-Dec. 15	15	17
4. Conversational Spanish—Class B		Calgary	Oct. 13-Dec. 15	15	11
5. Conversational Spanish—Class C		Calgary	Oct. 13-Dec. 15	15	28
6. Russian Language—Beginners' Class A		Calgary	Oct. 19-Jan. 4	4	15
7. Russian Language—Beginners' Class B		Calgary	Oct. 19-Jan. 4	4	24
8. Russian Language (Advanced)		Calgary	Oct. 14-Dec. 16	15	11
9. The Law in Action		Calgary	Oct. 14-Dec. 16	15	59
10. Introduction to Psychology		Calgary	Oct. 14-Dec. 9	15	37
11. The Beginnings of Philosophy		Calgary	Oct. 15-Dec. 10	20	37
12. Introduction to Electronic Computer Programming		Calgary	Oct. 13-Dec. 1	12	27
13. Creative Writing		Calgary	Oct. 13-Dec. 15	20	17
14. Office Management		Calgary	Oct. 13-Dec. 15	20	39
15. An Introduction to Supervision—Class A	National Office Management Association	Calgary	Oct. 15-Dec. 17	20	23
16. An Introduction to Supervision—Class B		Calgary	Oct. 13-Dec. 15	20	10
17. Leadership Course in Parent Education		Calgary	Sept. 21-Dec. 7	24	8
18. Conversational French—Class A		Calgary	Jan. 18-Mar. 21	15	21
19. Conversational French—Class B		Calgary	Jan. 18-Mar. 21	15	22
20. Conversational French (Continuation)		Calgary	Jan. 20-Mar. 23	15	12
21. Conversational French (Advanced)		Calgary	Jan. 18-Mar. 21	15	12
22. Conversational Spanish—Class A		Calgary	Jan. 20-Mar. 23	15	21
23. Conversational Spanish—Class B		Calgary	Jan. 20-Mar. 23	15	15
24. Conversational Spanish (Continuation)		Calgary	Jan. 19-Mar. 22	15	21
25. Beginners' Russian—Class A		Calgary	Jan. 20-Mar. 23	15	23
26. Beginners' Russian—Class B		Calgary	Jan. 20-Mar. 23	15	18
27. Russian Language (Continuation)		Calgary	Jan. 20-Mar. 23	15	15
28. Russian Language (Advanced)		Calgary	Jan. 18-Mar. 21	15	10
29. Italian Conversation		Calgary	Jan. 20-Mar. 23	15	15
30. The Law in Action		Calgary	Jan. 19-Apr. 5	18	26
31. Introduction to Psychology		Calgary	Jan. 20-Mar. 23	15	23
32. Introduction to Electronic Computer Programming		Calgary	Jan. 20-Mar. 23	15	45
33. Creative Writing		Calgary	Jan. 19-Mar. 22	12	21
34. Office Management		Calgary	Jan. 20-Mar. 23	20	19
35. Conference Method and Conference Techniques	National Office Management Association	Calgary	Jan. 21-Mar. 24	20	9
36. Income Tax Procedures in Business		Calgary	Jan. 18-Mar. 21	15	15
37. The Frontiers of Science		Calgary	Jan. 12-Mar. 15	15	123

Table 1—Continued

Short Course, Class Conference or Workshop	Co-sponsors	Location	Period	Hours	Attendance
38. Building or Buying Your Home	Central Mortgage and Housing Corporation	Calgary	Jan. 20-Mar. 2	10½	51
39. Fundamentals of Horticulture		Calgary	Jan. 21-Apr. 7	18	28
40. English Conversation and Pronunciation		Calgary	Jan. 20-Mar. 23	20	26
41. Introduction to Economics		Calgary	Jan. 21-Apr. 7	18	13
42. Great Books		Edmonton	Oct. 29-Mar. 31	24	12
43. Modern Political Ideas		Edmonton	Sept. 30-Mar. 30	48	15
44. Russian Communism and World Affairs		Edmonton	Nov. 2-Nov. 30	7½	23
45. Personality Development and Adjustment in Modern Society		Edmonton	Sept. 30-Dec. 16	18	49
46. Conversational French—Class A		Edmonton	Sept. 29-Jan. 19	22½	31
47. Conversational French—Class B		Edmonton	Sept. 30-Jan. 20	22½	36
48. Conversational French (Senior)	Edmonton	Edmonton	Sept. 29-Jan. 19	20	22½
49. Italian Conversation		Edmonton	Sept. 29-Dec. 15	18	33
50. Spanish for Beginners—Class A		Edmonton	Sept. 28-Nov. 30	15	15
51. Spanish for Beginners—Class B		Edmonton	Sept. 28-Nov. 30	15	26
52. Spanish for Beginners—Class C		Edmonton	Sept. 28-Nov. 30	15	20
53. Spanish for Beginners (Continuation)		Edmonton	Sept. 28-Nov. 30	15	17
54. Conversational German		Edmonton	Sept. 29-Dec. 15	18	18
55. Conversational German (Senior)		Edmonton	Sept. 29-Dec. 15	18	14
56. Conversational German—Class A		Edmonton	Sept. 30-Dec. 16	18	11
57. Beginners' Russian—Class A	Edmonton	Edmonton	Sept. 30-Mar. 30	36	36
58. Beginners' Russian—Class B		Edmonton	Sept. 30-Mar. 30	36	18
59. Beginners' Ukrainian		Edmonton	Sept. 30-Mar. 30	36	51
60. Polish Language		Edmonton	Nov. 3-Apr. 5	30	24
61. Effective Reading—Class A		Edmonton	Sept. 28-Nov. 30	15	25
62. Effective Reading—Class B		Edmonton	Sept. 30-Dec. 2	15	27
63. Essentials of Good English—Class A		Edmonton	Sept. 28-Nov. 30	15	24
64. Essentials of Good English—Class B		Edmonton	Sept. 28-Nov. 30	15	26
65. The Law in Action		Edmonton	Sept. 29-Dec. 15	18	56
66. Personality Development and Adjustment in Modern Society		Edmonton	Jan. 13-Apr. 20	22½	18
67. Italian Conversation	Edmonton	Edmonton	Jan. 12-Mar. 29	18	13
68. Spanish for Beginners—Class A		Edmonton	Jan. 11-Feb. 18	18	5
69. Spanish for Beginners—Class B		Edmonton	Jan. 11-Mar. 28	18	13
70. Spanish for Beginners (Continuation)		Edmonton	Jan. 11-Mar. 28	18	10
—Class A		Edmonton	Jan. 12-Mar. 29	18	12
—Class B		Edmonton	Jan. 11-Mar. 28	18	10
72. Spanish for Beginners (Advanced)		Edmonton	Jan. 12-Mar. 29	18	25
73. Conversational German		Edmonton	Jan. 12-Mar. 29	18	10
74. Conversational German (Continuation)		Edmonton	Jan. 11-Mar. 14	15	15
75. Effective Reading—Class A		Edmonton	Jan. 11-Mar. 14	15	15

76. Effective Reading—Class B	Edmonton	Jan. 11-Mar. 14	15	13
77. Essentials of Good English—Class A	Edmonton	Jan. 19-Mar. 22	16	19
78. Essentials of Good English—Class B	Edmonton	Jan. 25-Mar. 28	15	15
79. English Conversation and Pronunciation	Edmonton	Jan. 11-Mar. 14	20	19
80. Law in Action	Edmonton	Jan. 12-Mar. 29	18	37
81. Office Management—Class A	Edmonton	Jan. 19-Mar. 8	12	22
82. Office Management—Class B	Edmonton	Jan. 19-Mar. 7	12	37
83. Introduction to Geology	Edmonton	Jan. 19-Apr. 5	18	17
84. Glacial and Pleistocene Geology	Edmonton	Jan. 18-Apr. 4	18	26
85. Great Books	Edmonton	Jan. 13-Mar. 30	18	14
86. Building or Buying Your Home	Edmonton	Jan. 11-Feb. 22	10½	22
87. Income Tax Procedures in Business	Edmonton	Jan. 18-Mar. 7	12	44
88. Gardening for the Retail Trade	Edmonton	Jan. 19-Apr. 5	18	18
89. Fundamentals of Gardening	Edmonton	Jan. 18-Apr. 4	18	47
90. Fundamentals of Gardening	Edmonton	Jan. 13-Mar. 30	18	20
91. Office Management—Class A	Edmonton	Oct. 6-Nov. 24	12	25
92. Office Management—Class B	Edmonton	Oct. 6-Nov. 23	12	59
93. Introduction to Geology	Edmonton	Sept. 29-Dec. 15	18	38
94. House Plants	Edmonton	Oct. 14-Nov. 25	6	25
95. Landscape Design for Home Owners	Edmonton	Jan. 19-Apr. 5	24	14
96. Introduction to Theoretical Physics	Edmonton	Jan. 13-Mar. 16	20	40
97. Race and Politics in Africa	Edmonton	Mar. 22-Apr. 5	5½	25
98. Portrait Painting and Drawing	Edmonton	Apr. 6-June 22	24	18
99. Fundamentals of Landscape Painting	Edmonton	Apr. 11-June 27	36	40
100. Life Painting and Drawing	Edmonton	Apr. 8-June 24	24	20
101. Workshop Course in Pictorial Composition	Edmonton	Apr. 7-June 23	24	8
102. Fundamentals of Landscape Painting	Edmonton	Sept. 2-Nov. 4	30	19
103. Fundamentals of Landscape Painting	Edmonton	Sept. 5-Nov. 14	30	29
104. Introduction to Life Painting	Edmonton	Sept. 28-Feb. 29	40	19
105. Portrait Painting	Edmonton	Sept. 29-Mar. 1	40	13
106. Fundamentals of Drawing	Edmonton	Sept. 29-Mar. 1	40	30
107. Fundamentals of Design	Edmonton	Sept. 29-Mar. 1	40	8
108. Pictorial Composition	Edmonton	Sept. 30-Mar. 9	40	35
109. Advanced Life and Portrait Painting	Edmonton	Sept. 30-Mar. 2	40	23
110. Fundamentals of Painting	Edmonton	Oct. 1-Mar. 3	40	19
111. Landscape and Pictorial Composition	Edmonton	Nov. 18-Feb. 10	20	10
112. Landscape and Pictorial Composition	Edmonton	Nov. 14-Feb. 6	20	10
113. Pottery—Class A	Edmonton	Oct. 20-Mar. 22	40	8
114. Pottery—Class B	Edmonton	Oct. 21-Mar. 23	40	8
115. Pottery—Class C	Edmonton	Oct. 22-Mar. 24	40	8
116. What to Listen for in Music	Edmonton	Sept. 30-Dec. 9	15	40
117. Ceramics and Sculpture	Edmonton	Jan. 11-Mar. 28	24	8
118. Conversational French	Lethbridge	Oct. 13-Dec. 15	15	17
119. Conversational French (Senior)	Lethbridge	Oct. 13-Dec. 15	15	8
120. Introduction to German	Lethbridge	Oct. 13-Dec. 15	15	17
121. Conversational German	Lethbridge	Jan. 12-Mar. 15	15	11
122. Conversational French (Senior)	Lethbridge	Jan. 12-Mar. 15	15	10
Central Mortgage and Housing Corporation				
Crestwood Community League				
Sherwood Park Garden Club				
Sherwood Park				

Table I—Continued

Short Course, Class Conference or Workshop	Co-sponsors	Location	Period	Hours	Attendance
123. Introduction to German	Lethbridge Junior College	Lethbridge	Jan. 12-Mar. 15	15	13
124. Shakespeare and His Theatre	Lethbridge Junior College	Lethbridge	Jan. 19-Mar. 22	15	14
125. Introduction to Psychology	Lethbridge Junior College	Lethbridge	Jan. 21-Mar. 24	15	16
126. Psychology		Red Deer	Oct. 26-Dec. 14	12	14
127. Law in Action		Red Deer	Feb. 1-Mar. 21	16	17
128. Conversational French		Medicine Hat	Jan. 27-Mar. 30	15	15
129. Designing a Southern Alberta Garden		Medicine Hat	Jan. 25-Mar. 28	20	8
B. RURAL, COMMUNITY AND AGRICULTURAL SHORT COURSES AND CONFERENCES					
130. Farm Young Peoples' Week	A.W.P., F.U.A., U.G.G., A.C.W.A., U.F.A. Co-op.	Edmonton	June 2-11	170	105
131. Leadership Day for University Students	Students' Union	Edmonton	Oct. 4	8	75
132. Leadership Techniques	A.W.P., F.U.A., U.G.G., A.W.I., A.C.W.A., U.F.A. Co-op	Banff	Oct. 26-Nov. 7	87	29
133. Community Workshop	Alberta Women's Institutes	High Prairie	Jan. 16	6	25
134. Workshop	F.U. and C.D.A.	Bonnyville	Feb. 10-11	12	28
135. Workshop	F.U. and C.D.A.	Stony Plain	Feb. 13	6	30
136. Rural Leadership Conference	A.W.P., F.U.A., U.G.G., A.C.W.A., U.F.A. Co-op.	Banff	Feb. 28-Mar. 12	72	39
137. Community Workshop	A.W.I., Alberta Adult Education Conference	Peace River	Mar. 16	6	32
138. Conference		Banff	Mar. 14-18	40	21
139. Alberta Adult Education Conference		Banff	May 8-9	10	68
C. FINE ARTS, EXTENSION CLASSES AND WORKSHOPS					
140. Directing	Lethbridge Junior College	Medicine Hat	Apr. 7-May 5	10	17
141. Acting		Lethbridge	Apr. 8-May 6	10	15
142. Acting		Edmonton	Apr. 10-May 8	10	25
143. Child Drama	Alberta Teachers' Association	Westlock	June 8	5	40
144. Child Drama	Alberta Teachers' Association	Peace River	June 9	3	42
145. Child Drama	Alberta Teachers' Association	Dixonville	June 9	2	37
146. Child Drama	Quota Club, Red Deer	Red Deer	June 10-11	4	47
147. Child Drama	Alberta Teachers' Association	Edmonton	June 15-20	20	120
148. Child Drama	Calgary Allied Arts Council and the Junior League of Calgary	Calgary	June 25-26	8	35
149. Acting	The Buskins	Calgary	Sept. 28-Oct. 2	6	19
150. Directing	M.I.A.	Stirling	Oct. 5-7	6	15
151. Voice and Speech		Edmonton	Oct. 20-Apr. 11	35	24
152. Drama		Waterton Park	Jan. 7-8	4	13
153. Drama	Edmonton Recreation Department	Edmonton	Jan. 11-Mar. 28	24	34
154. Acting	University of Alberta in Calgary	Calgary	Jan. 12-Mar. 15	20	31
155. Intensive Short Course (Painting)		Lethbridge	May 1-2	20	12

156. Intensive Short Course (Painting)
 157. Community Art Class Conference
 158. Community Art Class
 159. Community Art Class
 160. Community Art Class
 161. Community Art Class
 162. Community Art Class
 163. Community Art Class
 164. Community Art Class
 165. Community Art Class
 166. Community Art Class
 167. Community Art Class
 168. Community Art Class
 169. Community Art Class
 170. Community Art Class (Short Course)
 171. Short Course
 172. Short Course
 173. Community Art Class
 174. Community Art Class
 175. Community Art Class
 176. Community Art Class
 177. Community Art Class
 178. Community Art Class
 179. Community Art Class
 180. Community Art Class
 181. Short Course
 182. Community Art Class
 183. Community Art Class
 184. Community Art Class
 185. Community Art Class
 186. Community Art Class
 187. Community Art Class
 188. Community Art Class
 189. Festival of Choirs
 190. Choir Training
 191. Free and Invertible Counterpoint
 192. Musical Insights

193. Choral Workshop
 194. Choral Workshop
 195. Choral Workshop
 196. Choral Workshop
 197. Choral Workshop
 198. Choral Workshop
 199. Choral Workshop
 200. Choral Workshop
 201. Music Workshop
 202. Festival of Choirs
 203. Festival of Choirs

Edmonton
 Lethbridge
 Edmonton
 Alix
 Athabasca
 Banff
 Bashaw
 Bassano
 Brooks
 Camrose
 Camrose Art Centre
 Castor
 Castor Art Club
 Claresholm
 Claresholm Art Club
 Cochrane
 Cochrane Art Club
 Drumheller
 Drumheller Art Club
 Edson
 Edson Art Club
 Fairview
 Fairview Art Club
 Fort Saskatchewan
 Fort Saskatchewan Art Club
 Lacombe
 Lacombe Art Club
 Lloydminster
 Lloydminster Art Club
 Medicine Hat
 Medicine Hat Art Club
 Nanton
 Nanton Art Club
 Ponoka
 Ponoka Art Club
 Ralston
 Ralston Art Club
 Red Deer
 Red Deer Art Club
 Standard
 Standard Art Club
 Sylvan Lake
 Sylvan Lake Art Club
 Sheep Creek Art Council
 Vermillion
 Vermillion Art Club
 Viking
 Viking Art Club
 Weyburn
 Weyburn Art Club
 Westlock
 Westlock Art Club
 Wetaskiwin
 Wetaskiwin Art Club
 Cultural Activities Branch
 Edmonton Symphony Society, Edmonton
 Public Library
 Vulcan
 Provost
 Nanton
 Medicine Hat
 Sedgewick
 Canmore
 St. Paul
 Lloydminster
 High Prairie
 Calgary
 Edmonton

May 16-17
 May 2
 May 18
 Oct. 8-Apr. 14
 Oct. 9-Mar. 11
 Sept. 30-Apr. 6
 Oct. 9-Apr. 15
 Oct. 28-Apr. 2
 Oct. 30-Apr. 1
 Oct. 17-Apr. 9
 Nov. 9-Apr. 4
 Sept. 28-Mar. 28
 Oct. 20-Mar. 29
 Oct. 6-Apr. 5
 Nov. 16-21
 Jan. 26-30
 Feb. 25-27
 Sept. 29-Mar. 29
 Oct. 13-Apr. 5
 Oct. 7-Mar. 9
 Oct. 2-Apr. 1
 Sept. 29-Mar. 29
 Oct. 3-Apr. 2
 Oct. 1-Mar. 31
 Oct. 16-Apr. 8
 Jan. 11-15
 Oct. 15-Apr. 7
 Jan. 16-Apr. 23
 Oct. 6-Mar. 8
 Oct. 8-Mar. 10
 Sept. 29-Mar. 29
 Oct. 2-Apr. 1
 Oct. 17-Apr. 9
 Apr. 14
 Oct. 13-Mar. 14
 Sept. 28-Nov. 30
 Oct. 21-Mar. 23
 Oct. 19-Apr. 18
 Oct. 19-28
 Oct. 5-Dec. 7
 Nov. 9-17
 Feb. 1-Apr. 11
 Jan. 12-Mar. 15
 Mar. 18-19
 Oct. 23-24
 Feb. 1-3
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Table I—Continued

Short Course, Class Conference or Workshop	Co-sponsors	Location	Period	Hours	Attend-
204. Summer Concerts	Edmonton Symphony Society	Edmonton	July 15-Aug.	5	8
205. Roubakine Piano Recital		Edmonton	Mar. 7-14	6	1,200
206. Roubakine Piano Recital		Calgary	Mar. 9-23	6	60
207. Great Music		Edmonton	Jan. 18-Mar. 21	18	75
D. BUSINESS, INDUSTRIAL AND PROFESSIONAL COURSES					
208. Fundamentals of Supervision		Edmonton	May 11-15	30	31
209. Fundamentals of Supervision		Calgary	May 19-23	30	16
210. Fundamentals of Supervision		Lethbridge	May 25-29	30	26
211. Fundamentals of Supervision		Edmonton	Jan. 11-15	30	30
212. Fundamentals of Supervision	Chambers of Commerce (Edmonton, Calgary, Medicine Hat, Lethbridge)	Calgary	Jan. 18-22	30	35
213. Fundamentals of Supervision		Edmonton	Jan. 25-29	30	30
214. Industrial Relations Seminar		Edmonton	Oct. 26-28	18	30
215. Industrial Relations Seminar		Calgary	Oct. 29-31	18	20
216. Retailing Principles and Practice	Edmonton Chamber of Commerce Retail Committee	Edmonton	Oct. 19-Apr. 4	40	39
217. Personnel Administration	Personnel Associations of Edmonton and Calgary	Edmonton	Oct. 27-Mar. 3	18	37
218. Personnel Administration	University School of Commerce Calgary Jr. Chamber of Commerce Edmonton Chamber of Commerce	Calgary	Oct. 29-Mar. 3	18	32
219. Self-Development Program		Calgary	Oct. 15-Dec. 17	20	11
220. Negotiation and Performance of Contracts	Edmonton Chamber of Commerce	Edmonton	Jan. 14-Apr. 21	30	30
221. Real Estate Principles and Practice—1st year	Alberta Real Estate Association	Calgary	Oct. 6-May 3	32	24
222. Real Estate Principles and Practice—1st year	Alberta Real Estate Association	Edmonton	Oct 8-May 5	32	24
223. Real Estate Principles and Practice—2nd year	Alberta Real Estate Association	Calgary	Oct. 13-May 3	32	24
224. Real Estate Principles and Practice—2nd year	Alberta Real Estate Association	Edmonton	Oct. 15-May 5	32	24
225. Credit Union Short Course	Edmonton Chapter, C.U.L. of Alberta	Edmonton	Oct. 5-7	6	70
226. Credit Union Conference	Calgary Chapter, C.U.L. of Alberta	Calgary	Dec. 4-5	16	30
227. Labour Economics	Alberta Federation of Labour	Calgary	Oct. 6-Apr. 12	48	18
228. Civic Administration on Indian Reserves	Band Council, Saddle Lake Reserve; Dept. of Indian Affairs	St. Paul	Jan. 14-15	12	10
229. Engineering Economy	Dept. of Political Economy	Edmonton	Oct. 13-Mar. 18	40	42
230. Systems Analysis	Dept. of Electrical Engineering	Edmonton	Apr. 20-25	36	19
231. Engineering Mathematics		Edmonton	Sept. 14-Mar. 28	50	27
232. Engineering Mathematics		Edmonton	Sept. 14-Mar. 28	50	23
233. Engineering Mathematics		Edmonton	Sept. 14-Mar. 28	50	20
234. Descriptive Geometry		Edmonton	Jan. 8-Mar. 25	24	46
235. Engineering Mathematics		Edmonton	Oct. 19-Apr. 18	50	31
236. Descriptive Geometry		Calgary	Jan. 6-Mar. 23	24	31
237. Numerical Method		Edmonton	Oct. 26-Apr. 25	49	18

239. Photo Interpretation for the Petroleum Industry	Faculty of Engineering	Calgary	Jan. 25-29	40	49
240. Applied Photogrammetry and Airphoto Analysis	Faculty of Engineering	Edmonton	Feb. 1-5	40	32
241. Semi-Conductors and Transistors	Association of Professional Engineers of Alberta,	Edmonton	Jan. 11-Mar. 28	24	19
242. Industrial Water Treatment	Association of Professional Engineers of Alberta,	Edmonton	Feb. 10-11	12	44
243. Sanitary Inspection	Faculty of Engineering Canadian Institute of Sanitary Inspectors (Alberta Branch), Faculty of Agriculture Alberta Department of Municipal Affairs, Alberta Association of Municipal Secretaries-Treasurers	Edmonton	Apr. 20-24	40	44
244. Municipal Administration	Alberta Department of Education, Alberta School Secretaries Association, Alberta School Trustees' Association	Banff	June 7-10	17	71
245. School Administration		Banff	June 11-13	15	146
246. Social Welfare—Introduction to Social Work—Part B		Lethbridge	Oct. 13-Dec. 8	24	10
247. Social Welfare—Interviewing Methods		Edmonton	June 8-12	40	26
248. Social Welfare—Interviewing Methods		Edmonton	July 13-17	40	19
249. Social Welfare—Interviewing Methods		Calgary	June 15-19	40	21
250. Social Welfare—Interviewing Methods		Calgary	July 20-24	40	20
251. Social Welfare—Welfare Practice—Child Welfare Seminar		Edmonton	Nov. 10-Feb. 17	18	15
252. Social Welfare—Welfare Practice—Public Assistance Seminar		Edmonton	Nov. 3-Feb. 16	18	18
253. Social Welfare—Welfare Practice—Corrections Seminar		Edmonton	Nov. 17-Feb. 17	18	6
254. Social Welfare—Welfare Practice—Child Welfare Seminar		Calgary	Nov. 10-Feb. 16	18	22
255. Social Welfare—Welfare Practice—Public Assistance Seminar		Calgary	Nov. 10-Feb. 16	18	13
256. Care of Premature Infants		Edmonton	Nov. 10-Feb. 16	18	13
257. Clinical Medicine for Podiatrists	University School of Nursing, University Hospital	Edmonton	Apr. 20-May 30	400	13
258. Medical Nursing	Alberta Podiatry Association	Edmonton	Oct. 12-13	14	7
259. Medical Nursing	University School of Nursing, Calgary General Hospital School of Nursing University School of Nursing	Edmonton	Mar. 16-18	20	52
	Investment Dealers' Association of Canada	Calgary	Mar. 21-23	20	42
260. How to Invest Your Money in Stocks and Bonds		Correspondence	Oct. 1-Mar. 31	20	75
261. Managing Your Investments	Investment Dealers' Association of Canada	Edmonton	Jan. 26-Mar. 15	16	67
262. Managing Your Investments	Investment Dealers' Association of Canada	Calgary	Jan. 28-Mar. 17	16	47
263. Planning Your Estate	Department of National Revenues; Life Underwriters' Association; Trust Companies Association of Canada Alberta and Northwest Chamber of Mines; Department of Geology	Edmonton	Feb. 17-Mar. 16	10	27
264. Prospecting		Edmonton	Nov. 2-Dec. 17	28	55

Table I—Continued

Short Course, Class Conference or Workshop

	Co-sponsors	Location	Period	Hours	Attendance
265. English Linguistic Seminar	Canada Department of Citizenship and Immigration	Edmonton	July 6-Aug. 14	150	5
266. English Usage for Chartered Accountants	Institute of Chartered Accountants of Alberta	Edmonton	Nov. 14-Jan. 16	12	33
267. English Usage for Chartered Accountants	Institute of Chartered Accountants of Alberta	Calgary	Nov. 14-Jan. 16	12	29
268. English Usage for Chartered Accountants	Institute of Chartered Accountants of Alberta	Correspondence	Nov. 14-Jan. 16	...	17
269. Accounting I	Society of Industrial and Cost Accountants	Calgary	Oct. 5-Mar. 21	40	35
270. Accounting I	Society of Industrial and Cost Accountants	Calgary	Oct. 5-Apr. 14	52	35
271. Accounting I	Society of Industrial and Cost Accountants	Calgary	Oct. 5-Mar. 28	42	33
272. Accounting II	Society of Industrial and Cost Accountants	Calgary	Oct. 6-Mar. 15	42	34
273. Accounting II	Society of Industrial and Cost Accountants	Calgary	Oct. 6-Mar. 29	40	30
274. Accounting III	Society of Industrial and Cost Accountants	Calgary	Jan. 14-Mar. 31	20	6
275. Industrial Organization and Management	Society of Industrial and Cost Accountants	Calgary	Oct. 6-Mar. 8	40	17
276. Industrial Legislation	Society of Industrial and Cost Accountants	Calgary	Oct. 8-Mar. 17	40	31
277. Industrial Legislation	Society of Industrial and Cost Accountants	Calgary	Oct. 8-Mar. 17	40	30
278. Industrial Legislation	Society of Industrial and Cost Accountants	Calgary	Oct. 8-Mar. 24	42	35
279. Industrial Legislation	Society of Industrial and Cost Accountants	Calgary	Oct. 8-Mar. 17	42	31
280. Fundamentals of Cost Accounting	Society of Industrial and Cost Accountants	Calgary	Oct. 8-Mar. 17	40	30
281. Advanced Cost Accounting	Society of Industrial and Cost Accountants	Calgary	Oct. 5-Mar. 21	40	30
282. Managerial Statistics	Society of Industrial and Cost Accountants	Calgary	Oct. 8-Dec. 10	20	6
283. Accounting I	Society of Industrial and Cost Accountants	Edmonton	Oct. 8-Mar. 17	40	31
284. Accounting I	Society of Industrial and Cost Accountants	Edmonton	Oct. 8-Mar. 17	40	32
285. Accounting I	Society of Industrial and Cost Accountants	Edmonton	Oct. 8-Mar. 17	40	27
286. Accounting II	Society of Industrial and Cost Accountants	Edmonton	Oct. 5-Mar. 14	46	24
287. Accounting II	Society of Industrial and Cost Accountants	Edmonton	Oct. 8-Mar. 17	42	30
288. Accounting III	Society of Industrial and Cost Accountants	Edmonton	Oct. 8-Mar. 31	34	13
289. Industrial Legislation	Society of Industrial and Cost Accountants	Edmonton	Oct. 5-Mar. 21	40	39
290. Industrial Legislation	Society of Industrial and Cost Accountants	Edmonton	Oct. 5-Mar. 21	40	36
291. Fundamentals of Cost Accounting	Society of Industrial and Cost Accountants	Edmonton	Oct. 5-Mar. 21	44	38
292. Fundamentals of Cost Accounting	Society of Industrial and Cost Accountants	Edmonton	Oct. 5-Mar. 24	42	29
293. Fundamentals of Cost Accounting	Society of Industrial and Cost Accountants	Edmonton	Oct. 5-Mar. 17	44	31
294. Advanced Cost Accounting	Society of Industrial and Cost Accountants	Edmonton	Oct. 6-Mar. 22	42	29
295. Managerial Statistics	Society of Industrial and Cost Accountants	Edmonton	Oct. 15-Mar. 10	24	12

E. PETROLEUM INDUSTRY TRAINING SERVICE

296. Battery Operations	C.P.A., C.A.O.D.C., O & G.C.B.	Drayton Valley	Apr. 8-May 12	15	20
297. Battery Operations	C.P.A., C.A.O.D.C., O & G.C.B.	Camrose	Apr. 7-28	15	14
298. Battery Operations	C.P.A., C.A.O.D.C., O & G.C.B.	Edmonton	May 14-June 11	15	18
299. Battery Operations	C.P.A., C.A.O.D.C., O & G.C.B.	Redwater	June 15-19	15	13
300. Battery Operations	C.P.A., C.A.O.D.C., O & G.C.B.	Estevan, Sask.	July 6-10	15	26

301. Drilling Technology	C.P.A., C.A.O.D.C., O & G.C.B.	Edmonton	Apr. 6-17	30	40
302. Field Handling of Natural Gas	C.P.A., C.A.O.D.C., O & G.C.B.	Drayton Valley	Sept. 14-25	30	39
303. Field Handling of Natural Gas	C.P.A., C.A.O.D.C., O & G.C.B.	Red Deer	Sept. 28-Oct. 2	30	17
304. Field Handling of Natural Gas	C.P.A., C.A.O.D.C., O & G.C.B.	Edmonton	Oct. 5-9	30	30
305. Fire Control	C.P.A., C.A.O.D.C., O & G.C.B.	Edmonton	Apr. 10	2	11
306. Fire Control	C.P.A., C.A.O.D.C., O & G.C.B.	Redwater	Apr. 30	2	11
307. Fire Control	C.P.A., C.A.O.D.C., O & G.C.B.	Wetaskiwin	May 22	2	14
308. Gas Plant Operators	C.P.A., C.A.O.D.C., O & G.C.B.	Edmonton	Oct. 19-23	30	12
309. Gas Plant Operators	C.P.A., C.A.O.D.C., O & G.C.B.	Edmonton	Feb. 22-26	30	23
310. Introduction to Oilfield Practice	C.P.A., C.A.O.D.C., O & G.C.B.	Calgary	Oct. 13-Dec. 15	20	54
311. Production Technology	C.P.A., C.A.O.D.C., O & G.C.B.	Edmonton	Nov. 2-6	30	19
312. H2S Gas	C.P.A., C.A.O.D.C., O & G.C.B.	Okotoks	May 12	2	44
313. H2S Gas	C.P.A., C.A.O.D.C., O & G.C.B.	Windfall	June 9	2	25
314. Supervisory Training	C.P.A., C.A.O.D.C., O & G.C.B.	Calgary	Mar. 31-Apr. 2	12	21
315. Supervisory Training	C.P.A., C.A.O.D.C., O & G.C.B.	Calgary	June 1-5	12	13
316. Supervisory Training	C.P.A., C.A.O.D.C., O & G.C.B.	Drayton Valley	Sept. 14-17	12	17
317. Supervisory Training	C.P.A., C.A.O.D.C., O & G.C.B.	Drayton Valley	Nov. 17-20	12	7
318. Drilling Rig Operations	C.P.A., C.A.O.D.C., O & G.C.B.	Red Deer	Jan. 18-20	18	19
319. Drilling Rig Operations	C.P.A., C.A.O.D.C., O & G.C.B.	Drumheller	Jan. 21-23	18	11
320. Drilling Rig Operations	C.P.A., C.A.O.D.C., O & G.C.B.	Bowden	Jan. 25-27	18	21
321. Drilling Rig Operations	C.P.A., C.A.O.D.C., O & G.C.B.	Bentley	Jan. 28-31	18	31
322. Drilling Rig Operations	C.P.A., C.A.O.D.C., O & G.C.B.	Rimbey	Feb. 2-4	18	12
323. Drilling Rig Operations	C.P.A., C.A.O.D.C., O & G.C.B.	Carstairs	Feb. 5-8	18	98
324. Drilling Rig Operations	C.P.A., C.A.O.D.C., O & G.C.B.	Bragg Creek	Feb. 9-11	18	20

F. PUBLIC ADMINISTRATION TRAINING DIVISION

325. Municipal Administration	Department of Municipal Affairs, Government of Alberta; Alberta Association of Municipal District Secretaries-Treasurers; Union of Alberta Municipalities; Alberta Association of Municipal Districts	Lacombe	Nov. 2-Mar. 28	25	12
326. Municipal Administration	"	Pincher Creek	Nov. 4-Mar. 30	25	4
327. Municipal Administration	"	Lethbridge	Nov. 5-Mar. 31	25	7
328. Municipal Administration	"	Medicine Hat	Nov. 6-Apr. 1	25	9
329. Municipal Administration	"	Sedgewick	Nov. 9-Mar. 22	25	7
330. Municipal Administration	"	Hanna	Nov. 10-Mar. 22	25	6
331. Municipal Administration	"	Calgary	Nov. 3-Mar. 23	25	11
332. Municipal Administration	"	St. Paul	Nov. 16-Apr. 18	25	5
333. Municipal Administration	"	Thorhild	Nov. 17-Apr. 19	25	8
334. Municipal Administration	"	Peace River	Nov. 19-Apr. 21	25	4
335. Municipal Administration	"	Grande Prairie	Nov. 20-Apr. 22	25	7
336. Municipal Administration	"	Edmonton	Nov. 23-Apr. 25	25	12
337. Municipal Administration	"	Edmonton	Nov. 24-Apr. 26	25	5
338. Municipal Administration	"	Edmonton	Nov. 26-Apr. 28	25	7
339. Municipal Administration	"	Edmonton	Nov. 27-Apr. 29	25	6

Table I—Continued

Short Course, Class Conference or Workshop	Co-sponsors	Location	Period	Hours	Attendance
340. Municipal Assessment	Department of Municipal Affairs, Government of Alberta; Alberta Association of Municipal Districts; Union of Alberta Municipalities; Association of Assessing Officers of Alberta; Appraisal Institute of Canada	Lacombe	Nov. 2-Mar. 28	25	7
341. Municipal Assessment	"	Calgary	Nov. 2-Mar. 28	25	7
342. Municipal Assessment	"	Pincher Creek	Jan. 13-Feb. 17	10	1
343. Municipal Assessment	"	Lethbridge	Nov. 5-Mar. 31	25	10
344. Municipal Assessment	"	Medicine Hat	Nov. 6-Apr. 1	25	3
345. Municipal Assessment	"	Sedgewick	Nov. 9-Mar. 21	25	2
346. Municipal Assessment	"	Hanna	Nov. 10-Mar. 22	25	4
347. Municipal Assessment	"	Calgary	Dec. 9-Mar. 29	20	11
348. Municipal Assessment	"	St. Paul	Nov. 16-Apr. 18	25	3
349. Municipal Assessment	"	Thorhild	Nov. 17-Apr. 19	25	2
350. Municipal Assessment	"	Peace River	Nov. 19	5	3
351. Municipal Assessment	"	Grande Prairie	Nov. 20-Apr. 22	25	7
352. Municipal Assessment	"	Edmonton	Nov. 23-Apr. 25	25	12
353. Municipal Assessment	"	Edmonton	Nov. 24-Apr. 26	25	7
354. Municipal Assessment	"	Edmonton	Nov. 26-Apr. 28	25	14
355. Municipal Assessment	"	Edmonton	Nov. 27-Apr. 29	25	11
				12,666	

Table II—Statistical Information, Extension Library

<i>Open Shelf</i>	1958-59	1959-60	Difference
Adults books (including periodicals and pamphlets)	65,938	81,549	15,611
Children's books	35,544	49,944	14,400
	<u>101,482</u>	<u>131,493</u>	<u>30,011</u>
<i>Travelling Libraries</i>			
No. of Travelling Libraries sent out: (35-40 books per box)			
	1958-59	1959-60	
Adult	115	73	
Mixed	55	55	
Children's	425	328	
	<u>595</u>	<u>456</u>	
Circulation (recorded outside the Library) ...	50,477	46,158	-4,319
Banff School of Fine Arts	451	597	146
	<u>152,410</u>	<u>178,248</u>	<u>25,838</u>
Reference Questions	1,610	1,550	-60
<i>Number of Books in Collection</i>			
At April 1st, 1959		49,659	
Accessions	4,661		
Withdrawals	6,219		
	<u> </u>	<u>-1,558</u>	
At March 31st, 1960		<u>48,101</u>	

Table III—Statistical Information, Division of Visual Instruction

<i>Number of Motion Picture Films in Library:</i>			
Silent, 8 mm. and 16 mm.			540
National Film Board Sound Films			948
Sponsored Sound Films			378
Sound Films, General			1,609
Total Films in Library			3,439
<i>Number of New Films Added to Library During Year (included in above)</i>			183
<i>Number of Filmstrips in Library</i>			2,632
<i>Number of Sets of 2 × 2 Slides in Library</i>			182
<i>Film Circulation</i>			
	1959-60	1958-59	Comparison
Number of Reels Silent Films Sent Out	636	891	-255
Number of Reels Sound Film Sent Out	16,606	16,519	+87
Total Sets of Moving Pictures Sent Out	3,301	3,980	-79
Total Number of Showings of Films, Sound and Silent	5,687	5,266	+421
Total Audience Viewing Films	610,529	504,739	+105,790
Number of Times Projection Service Supplied	264	201	+63
Number of Screenings for Groups in Screening Room	148	90	+58
<i>Slides and Filmstrips</i>			
	1959-60	1958-59	Comparison
Number of 2 × 2 Slides Sent Out	56	68	-12
Total Audience Viewing Slides	975	2,304	-1,329
Individual Filmstrips Sent Out	3,535	3,158	+377
Total Audience Viewing Strips	46,836	54,991	-8,155

Table IV—General Statistical Survey

Visual Instruction

Number of Sets 2 × 2 Slides Sent Out	56	
Total Audience Viewing Slides		975
Individual Filmstrips Sent Out	3,535	
Total Audience Viewing Filmstrips		46,836
Number of Reels of Silent Film Sent Out	636	
Number of Reels of Sound Film Sent Out	16,606	
Total Sets of Moving Picture Films Sent Out	3,901	
Total Showings of Films, Sound and Silent	5,687	
Total Audience Viewing Films		610,529
Number of Times Projection Service Supplied	264	
Number of Screenings for Groups in Screening Room	148	
Total Number of Screenings	412	

Lectures

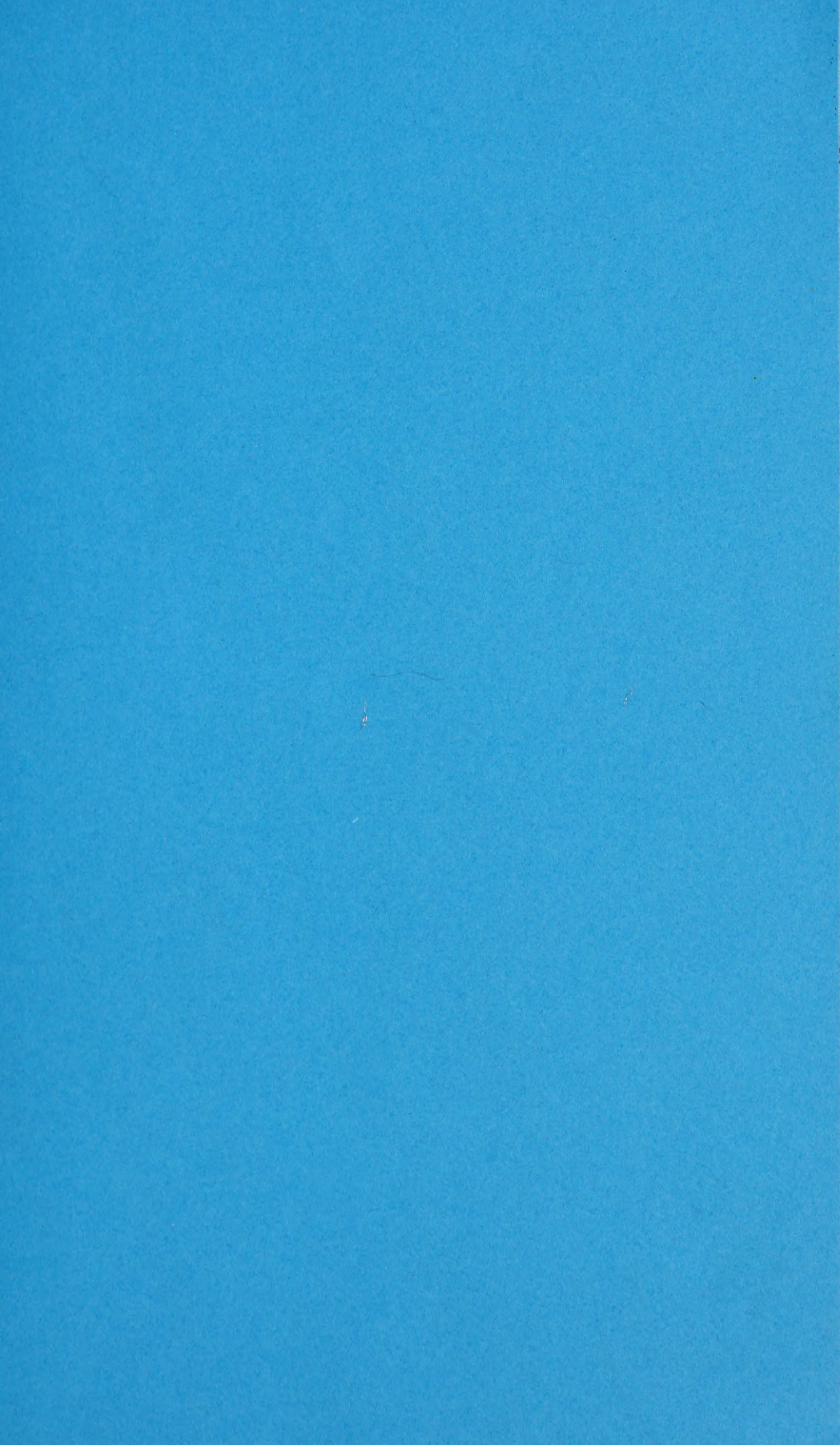
University Staff and Department of Extension Staff	2,222	
Aggregate Attendance		74,845
Number of Radio and TV Talks	193	
Number of Conferences and Short Courses, Table I	355	12,666
Feeder's Day Attendance—1,500		

Library Circulation

Travelling Libraries		46,158
Open Shelf:		
Adult Books (including periodicals and pamphlets)	81,549	
Juvenile Books	49,944	
Total		131,493

Study Group Material

Number of Copies of New Canadian Plays Sold	30
Number of Bulletins, Circulars and Leaflets Sent Out	33,699







ANNUAL REPORT

on

Extension Activities

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ANNUAL REPORT
on
**Extension Activities of the University
of Alberta**
for the Year ending March 31st
1961

Published by
Department of Extension, University of Alberta
Edmonton, Alberta

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Annual Report on Extension Activities

of the

UNIVERSITY OF ALBERTA

for the year ending March 31st, 1961

Edmonton, July 31st, 1961

Dr. Walter H. Johns
President, University of Alberta

Mr. President:

I have the honour to submit the forty-eighth annual report on extension activities of the University for the year ending March 31st, 1961.

The single most important fact that is evident from the record which follows is the close relationship which exists between staff members of the University of Alberta and the Alberta community. Through consultation with individuals and organizations alike, through lectures and demonstrations, the handling of reference questions, through classes and courses arranged for a variety of groups, and by means of radio, television and books, the University "goes to the people".

It is a pleasure to record the appreciation of the Department of Extension to all members of the University staff for their day-to-day cooperation. The achievements of the Department in the community are, of course, to be regarded as a contribution by the University as a whole.

Short Courses, Evening Classes and Conferences

The extent and emphasis of the short course, evening class, and conference program of University Extension is indicated in Table I which follows.

The "Evening Classes" a grouping of a number of general interest courses, are designed to provide an introduction to selected university studies. The program is offered in Edmonton, Calgary, Red Deer and Lethbridge. Total attendance at these four centres was 2,945. In this general series, there is considerable public response to classes in the languages—French, Italian, Spanish, German, Ukrainian, and Russian. These have been lengthened, made more intensive, and strengthened through the use of the University language laboratory.

Of particular interest this year was an experimental series of courses in An Introduction to Modern Physics, Contemporary Literature, The World of Mathematics, Soviet Russia in World Affairs, and The Frontiers of Science. These were organized by the Department at the request of the Public and Separate School Boards of Edmonton and Calgary. The classes were designed for a selected group of exceptional high school students, and through a glimpse provided them of these subject areas, have acted as a useful bridge between high school and university studies.

There has been a growing demand for training by business and industry which is suggested by the range of courses offered during the current year to

business and professional groups. Among the series were nine courses in Supervision offered in the two major cities and four courses in Labour Management Relations. An excellent opportunity for business training is provided in the 27 classes offered in Edmonton and Calgary in conjunction with the Society of Industrial and Cost Accountants. These include Accounting in its various phases, Industrial Organization and Management, Industrial Legislation, Managerial Statistics, and Report Writing. Edmonton and Calgary students as well participated in a three-year-long certificate course in Personnel Administration and also in Real Estate, the syllabus for the latter being provided by the University of Toronto. The changing requirements of modern business and industry is reflected by a further group of courses in various levels of electronic computer programming which are offered regularly in both Edmonton and Calgary. A cycle of courses planned in conjunction with the Faculty of Law included this year a seminar in Legal Problems in Retail Sales and Financing, which was well received.

The consultants to the third annual Motor Fleet Management short course this year included: Mr. Philip H. Small, Financial Advisor to the Board of Directors, Pacific Intermountain Express Company, San Francisco, and Dr. Paul B. Blomgren, Dean, School of Business Administration, Montana State University.

Courses for graduate engineers took a place of growing importance in the Extension program which this year included an important conference on Structural Engineering. Consultants to this conference included Dr. T. Y. Lin, University of California, who is the outstanding American authority in this field; Dr. D. T. Wright of the University of Waterloo, Waterloo, Ontario; and Mr. H. B. Wenzel, Supervisor, Structural Engineering, Structural and Railways Bureau, Portland Cement Association, Chicago, Illinois, together with members of the University's Faculty of Engineering. Other courses offered through University Extension and planned jointly by professional engineers and the University were those in Calculus and Analytic Geometry, Applied Differential Equations, Numerical Methods, and Statistics.

A group of four courses dealing with Mental Health in Nursing and the Care of Premature Infants were organized and offered in conjunction with the School of Nursing with the assistance of the Provincial Department of Health.

The development of a University of Alberta campus in Calgary has given new impetus to the work of University Extension in that city and enabled the Department to expand its services and share expert consultants in course and conference programs readily. The relatively easy access to the Banff School of Fine Arts has made possible an experimental series of weekend courses in liberal studies at the School. While the groups attending the several weekend courses have not been large, the experience has been a useful one in shaping plans for more intensive residential work in the humanities.

Agricultural Extension

Working closely with the major farm organizations and with the assistance of Faculty members, the Department has continued its program of leadership training for rural farm leaders. It is a pleasure to acknowledge the close and cordial working relationships which exist and the financial assistance which has been afforded by these farm organizations.

The forty-second annual Farm Young People's Week was attended this year by 122 young farm men and women. This, an annual event which introduces

these young men and women from Alberta farms to their University, has been strengthened by concentrating the week's program in fewer areas such as Animal Husbandry, Plant Science, Home Economics, Nursing, and Cooperative Principles.

The annual short course in Rural Leadership Techniques, established twelve years ago at the request of the farm organizations, was convened at Banff this year on a two-week residential basis in October. The emphasis in this course is on the study of the rural community and the practice of the skills required by members of rural community organizations in making their efforts effective.

The annual two-week residential Rural Leadership Conference commenced in Banff in March of this year and, as in the past, was directed to senior farm leaders in the province. The program dealt with the socio-economic problems of particular concern to Albertans and their farm organizations.

University Extension's third annual Western Canadian Farm Leaders' Conference opened its week-long session in Banff in March 1961. Among the consultants were Dr. Roy C. Buck, a well-known American sociologist from the University of Pennsylvania; Dr. Sol Sinclair, Agricultural Economist of the University of Manitoba; Dr. W. M. Drummond of the Agricultural Prices Stabilization Board, Dr. W. A. Mackenzie and Dr. John A. Hostetler of the Faculty of the University of Alberta. This conference, which is a closed meeting attended by 25 senior officials of Western Canada farm organizations, has received generous support from the western region. The conference agenda has concerned itself with discussions of economic problems, sociological changes occasioned by shifting rural populations, political organizations and human relations.

Papers and bulletins written by staff members of the Faculty of Agriculture and completed during the past year included: A series of entomology leaflets—"Insects and How to Collect Them", "The Giant Water Bug", "The Clover Mite", "Mosquitos and Their Control", "Tips on Making an Insect Collection", "Aphids", "The Control of Aphids", "Flour Beetles and Their Control", "The Black Carpet Beetle", "The Camel Cricket", and the following bulletins—"Soil Testing in Alberta", "Blackfoot and Calgary Soil Survey" (reprint), "Woody Ornamentals for the Prairie Provinces" (reprint), "1960 Annual Feeders' Day Report", "Handy Record Book for Swine" (reprint), "The Propagation of Plants" (reprint), "Plant Pictures" (a set of eight), "Swine Production in Alberta".

Among other publications made available through the Department of Extension were the following:

"The Next Decade in Canadian Agriculture"

"A Comparison of the American Farm Bureau Federation and the Canadian Federation of Agriculture"

"The Role of Television in Education"

"Education Through Television" (a summary of proceedings at the Alberta Conference on Television in Education)

In the period 1960-61, 27,621 copies of agricultural publications were distributed.

Extension Library

A primary purpose of the University's Extension Library since its inception in 1913 is that of providing an opportunity for continuing education to adults at widely scattered parts of the province. Primarily a mail library service,

books are dispatched through "travelling libraries"—boxes of 35 to 40 books—to community groups, by means of the "open shelf" borrowing service and the maintenance of a reference library service to rural Albertans.

The statistical report of the Extension Library reflects a change of policy implemented during the year and intended to give greater emphasis to adult circulation in the expectation that local school boards would assume greater responsibility for the provision of children's libraries within their own school plants. A modest membership fee schedule was instituted to help meet the rising costs of service to regular readers. Total circulation for the 1960-61 period is 150,000 volumes which compares with 98,000 five years ago and 79,000 ten years ago.

While circulation both through travelling libraries and by open shelf has grown, the latter has grown more quickly. This is a reflection of the changing rural community and as well of the kind of service required by the small community libraries serviced by the Extension Library. The librarians of the smaller community collections find that a selection of specific books from the open shelf can fill their borrowers' needs more satisfactorily than the general selection provided by the travelling library box. The Extension Library regularly services the Parkland Regional Library, the Medicine Hat Public Library and that of Tofield, Camrose, and other towns.

The regular service to readers requires a distinctly personal touch. Correspondence involves not only a reference service but assistance to readers in choosing a reading program to meet their needs. While some readers prefer to list specific titles of books which they wish, others indicate general areas of choice, such as Canadian History, Psychology, Sociology, Current Events or Biography. Special attention is being given to the planning of new series of supplemental directed reading programs with the assistance of members of the teaching staff of the University.

A routine but nevertheless important function of the Extension Library is the support of the short course and evening class work offered at various points in the province and the provision of study materials and books to groups in the Arts, Nuclear Radiation, Real Estate, Office Management and the like across the province.

The Extension Library is indebted to the Rutherford Library and the Edmonton Public Library for their cooperation. Their assistance has expanded library resources available to people of the province.

Visual Instruction Division

In addition to the regular circulation and maintenance of its library of educational films, slides, strips, tapes, and audio-visual equipment, the Visual Instruction Division this year took a number of steps intended to make more effective use of audio-visual materials throughout the province. A long-needed informational service has been initiated which brings together in systematic form a collection of looseleaf, pamphlet and booklet materials on the availability and quality of films, slides, strips, audio-visual equipment, research, reports and audio-visual methods in adult groups, under-graduate and extra-mural classes. In order to assist provincial organizations in the more effective use of visual instruction materials in their programs, a number of demonstration sessions were arranged during the year. As a pilot project in the film production, the Division undertook the preparation of a motion picture for the School of Physical Education. Various types of 35 mm. slide copy were prepared for

the Department of Modern Languages for several university departments. The Division has been heavily involved in technical consultations both on and off the campus.

The circulation of films during the year has grown to 20,000 reels as compared with 17,000 reels five years ago. Total audiences were 625,000 as compared to 477,000 in 1956. Filmstrip and slide circulation in 1960 was 4,200 with total audiences of 87,000. The rapidly growing interest by the members of the University staff in audio-visual materials may be attributed in part to the general excellence of technical film and slide materials now available and the ready availability of equipment with which they can prepare materials to suit their own classroom needs.

One hundred and eighteen new titles were added to the film library during the year to bring the total stock to 3,537. In addition, 2,890 filmstrip and slide subjects and a stock of four tapes were also available.

It is a pleasure to record our thanks to the National Film Board, the Canadian Film Institute, the Film Federations of Alberta, and the Edmonton Film Society for their cooperation and assistance during the year.

Fine Arts Division

At a time when science and technology have seized a major place in the sun, it is refreshing to notice, both in the cities and rural areas, new growth and expansion in the arts. For over twenty-five years the University has been involved in an extension program in the arts and can look back on an emphatic contribution made towards their lively state today.

Three extension specialists at the Department are engaged in teaching classes and working with groups in painting, music, and drama. During the year forty-three different Alberta communities were involved in a University Extension course in one of these three fields, and in ten of them two or more different fine arts courses were arranged.

In University Extension's community art class program instruction was offered at thirty-four centres to 592 students. Within these classes I included those painting for their own pleasure and those seriously studying and working in this field along with beginners. The exhibitions which they produce and which are hung locally speak well for their developing skill and for their enthusiasm. Special summer classes were arranged in Yellowknife, N.W.T. In all cases, the periodic class instruction was supplemented by travelling exhibitions, visual instruction materials, and books.

The emphasis of the music program, as in the past, has been on choral work. Nine choral workshops were arranged for classes totalling 230 students. In this work, as in the community art program, the emphasis is on training leaders who can themselves come to take on a greater responsibility in their own communities. In addition to the more formal courses, a variety of festivals, lecture-recitals, demonstrations, and special musical events were arranged. Chief among these was the Summer Festival program. Arranged in conjunction with the Edmonton Symphony Society and the Canada Council, this Summer Festival program of films, lectures, concerts and recitals maintained a high standard. The climax of the Festival series was the choral production of "Samson" under the direction of R. S. Eaton.

Eleven courses in theatre were conducted in the province with a total attendance of 206 students. Guest instructors included Miss Esme Crampton

of the Manitoba Theatre School and Mrs. Freda de Branscoville. Informal instruction through talks, demonstrations, rehearsals, and adjudications were provided for local organizations in eleven centres. Mention should be made of the advisory services carried on by the extension specialists. Each year hundreds of requests for help and guidance are received and dealt with.

Petroleum Industry Training Service

The Petroleum Industry Training Service which is sponsored by the Canadian Petroleum Association, the Canadian Association of Oilwell Drilling Contractors, and the Provincial Department of Mines and Minerals prepares a program which is designed to supplement the in-company training programs of industry.

Courses are developed with the advice and assistance of two training committees drawn from the representatives of producing companies and drilling companies respectively. In this way, each course program and project is directly related to the requirements of the industry.

During the year, 771 oilmen attended ten schools throughout the province, including the Production Technology Schools, Drilling Technology Schools, Supervisory Training, Rig Maintenance, Battery Automation, Field Handling of Natural Gas, Introduction to Oilfield Practice, Log Interpretation, Gas Plant courses, and Gas Metering.

In addition, a correspondence course for gas plant operators which comprises the combination of a lesson and reference material and periodic seminars has been instituted. One hundred and seventy-one students were registered in this course, instruction for which came from experienced specialists in the field.

Public Administration Training Division

The Public Administration Training Division was instituted three years ago to provide training to officers of Alberta municipalities in administration and assessment. The Division carries on its program through a combination of correspondence lesson series and periodical seminars conducted in thirteen districts of the province. During the year a new provisional course in School Business Administration was added tentatively to the program. During the year, too, eleven municipal assessors completed the work required for the Certificate in Municipal Assessment.

Total registrations in the Municipal Administration Certificate Course this year were 147 and in the Municipal Assessment course program 151. The provisional course in School Business Administration was provided to 36 registrants. Commercial Law and Business Management were the central topics in the two Administration courses and Appraisal Methods the material for the Assessment course.

During the year each student undertook the study of twenty lesson assignments and relevant textbook material. These were interspersed with five tutorial seminars, each of five hours' duration. This blending of the correspondence study approach and the regional seminars has proved very effective.

It is a pleasure to express our appreciation to the Department of Municipal Affairs and the Department of Education of the Provincial Government as well as several interested Alberta organizations including the Association of Municipal District Secretary-Treasurers, the Association of Assessing Officers of Alberta, the Union of Alberta Municipalities, the Alberta Association of

Municipal Districts, the Alberta School Trustees' Association, and the Alberta School Secretaries' Association, whose assistance and guidance in the Advisory Committees has been invaluable.

Staff

University Extension has been described as a catalyst functioning between the University on the one hand and the community on the other. During this year the demands on all members of the University staff have been great, and it is a pleasure to record their generous support of the extension program. It is a satisfaction as well to report the assistance and cooperation of business, industrial and professional groups across the province which have provided teaching staff for some of the extension programs and assistance in the development of others.

It is a particular pleasure to note the contribution of the members of the staff of the Department of Extension whose energy and initiative have made possible a widespread program during the year. Mr. E. L. Fowlie, former staff member of the Canada Council and a graduate of the University of Toronto, joined the staff of the Extension Library as Assistant Librarian. Mr. C. F. Ritchie, of the Graduate School of Indiana University, was appointed Supervisor of the Visual Instruction Division. William G. Craig, graduate of the University of Glasgow in Law and instructor at the Royal College of Commerce in Glasgow, joined the staff as a lecturer in Public Administration. Mr. Glen A. Eyford, formerly of the National Film Board, was appointed Assistant Professor in Extension in charge of the evening class program. D. D. Barry, a graduate of the Ontario College of Art, was appointed Extension Lecturer in Art.

Conclusion

A college education, as Mortimer Adler has said, does not make an educated man nor are knowledge and understanding to be wholly acquired with the completion of the high school diploma or the university degree. The nature of our times is such as to demand deeper understandings and a wider range of skills.

The political world is uneasy and demands understanding and perception of the citizen. Our changing technology requires new skills from each. Continuing education is a necessity, and in it the University has a unique and important role. In accepting its responsibilities in continuing education and thus in relating itself clearly to the community, the University not only performs an essential service but strengthens itself.

Respectfully submitted,

Duncan Campbell, Director

Table I—Short Courses, Classes, Conferences and Workshops Arranged and Organized by the Department of Extension

Short Course, Class Conference or Workshop	Sponsors	Location	Period	Hours	Attendance
A. EVENING DIVISION					
1. Conversational French, Section A (Beginners)		Calgary	Oct. 18-Mar. 21	30	17
2. Conversational French, Section A (Advanced)		Calgary	Oct. 18-Mar. 21	30	11
3. Conversational French, Section B (Beginners)		Calgary	Oct. 20-Mar. 23	30	12
4. Family French		Calgary	Oct. 17-Mar. 20	20	18
5. Introduction to Italian		Calgary	Oct. 17-Mar. 20	30	8
6. Conversational Spanish, Section A		Calgary	Oct. 18-Mar. 21	30	21
7. Conversational Spanish, Section B		Calgary	Oct. 18-Mar. 21	30	15
8. Conversational Spanish (Continuation)		Calgary	Oct. 18-Mar. 21	40	9
9. Introduction to German		Calgary	Oct. 19-Mar. 22	30	27
10. Russian for Beginners		Calgary	Oct. 19-Mar. 22	30	23
11. Russian for Beginners (Continuation)		Calgary	Oct. 19-Mar. 22	30	10
12. Introduction to Electronic Computer Programming, Section A		Calgary	Oct. 17-Mar. 20	30	36
13. Introduction to Electronic Computer Programming, Section B		Calgary	Oct. 18-Dec. 6	12	31
14. Advanced Computer Programming		Calgary	Jan. 16-Mar. 6	12	
15. Introduction of Economics		Calgary	Oct. 20-Mar. 23	30	11
16. Creative Writing, Section A		Calgary	Oct. 19-Feb. 15	23	13
17. Creative Writing, Section B		Calgary	Oct. 18-Dec. 20	20	16
18. Introduction to Psychology		Calgary	Jan. 17-Mar. 21	20	17
19. The Biology of Fishes		Calgary	Oct. 19-Mar. 22	30	14
20. Astronomy		Calgary	Oct. 18-Mar. 21	30	9
21. Study Discussion Techniques		Calgary	Oct. 19-Dec. 7	12	13
22. Office Management, Section A	N.O.M.A.	Calgary	Oct. 20-Dec. 8	12	8
23. Office Management, Section B	N.O.M.A.	Calgary	Oct. 18-Dec. 20	20	44
24. Introduction to Supervision, Section A		Calgary	Jan. 17-Mar. 21	20	17
25. Introduction to Supervision, Section B		Calgary	Oct. 19-Dec. 21	20	26
26. Introduction to Supervision, Section C		Calgary	Oct. 20-Dec. 22	20	21
27. Introduction to Supervision, Section D		Calgary	Oct. 20-Dec. 22	20	29
28. Introduction to Supervision, Section E		Calgary	Jan. 17-Mar. 21	20	30
29. Contemporary Drama		Calgary	Jan. 17-Mar. 21	20	34
30. Sales Management, Section A		Calgary	Oct. 20-Mar. 23	30	7
31. Sales Management, Section B		Calgary	Jan. 17-Mar. 21	20	31
32. Problems in Supervision		Calgary	Jan. 19-Mar. 23	20	18
33. Financial Management in Small Business, Section A		Calgary	Jan. 19-Mar. 9	16	40
34. Financial Management in Small Business, Section B		Calgary	Feb. 1-Apr. 5	20	28
35. The Traveller's Europe		Calgary	Feb. 21-Apr. 25	20	19
36. French		Calgary	Jan. 25-Mar. 15	12	24
		Calgary	Jan. 17-Mar. 21	15	8

37. Building or Buying Your Home	Calgary	Jan. 25-Mar.	8	11	59
38. Essentials of Good English	Calgary	Jan. 18-Apr.	5	18	17
39. American Drama	Calgary	Jan. 18-Apr.	5	18	18
40. Religion in Classical Times	Calgary	Jan. 17-Mar.	21	15	12
41. Reading for Self-Improvement	Calgary	Jan. 18-Mar.	22	20	24
42. Looking at Modern Painting	Calgary	Jan. 17-Mar.	21	15	8
43. Frontiers of Science	Calgary	Jan. 18-Mar.	22	15	150
44. Introduction to Historical Geology	Calgary	Jan. 18-Mar.	22	20	12
45. A Weekend with the Humanities	Banff	Feb. 3-5	10	10	14
46. The Arts and World Affairs	Edmonton	July 11-Aug.	5	30	19
47. Effective Reading, Section A	Edmonton	July 11-Aug.	5	30	22
48. Effective Reading, Section B	Edmonton	Sept. 27-Jan.	24	26	52
49. Conversational French	Edmonton	Sept. 28-Jan.	25	23	15
50. Conversational French (Intermediate)	Edmonton	Sept. 27-Feb.	14	27	23
51. Conversational Spanish, Section A	Edmonton	Sept. 27-Feb.	14	27	14
52. Conversational Spanish, Section B	Edmonton	Sept. 29-Feb.	16	12	18
53. Conversational Spanish (Continuation)	Edmonton	Sept. 16-Apr.	6	12	18
54. Spanish Conversation	Edmonton	Sept. 28-Mar.	29	36	25
55. Beginners Russian	Edmonton	Sept. 26-Apr.	3	72	14
56. Russian Language and Conversation	Edmonton	Sept. 27-Mar.	28	36	13
57. Russian Language (Advanced)	Edmonton	Sept. 27-Mar.	28	36	28
58. Beginners Ukrainian	Edmonton	Sept. 28-Mar.	29	36	13
59. Ukrainian Literature	Edmonton	Sept. 27-Dec.	13	18	19
60. Beginners Italian	Edmonton	Jan. 10-Mar.	28	18	17
61. Beginners Italian	Edmonton	Sept. 27-Dec.	13	18	10
62. Advanced Italian	Edmonton	Sept. 27-Feb.	28	30	13
63. Conversational German	Edmonton	Sept. 28-Mar.	1	30	6
64. Conversational German (Advanced)	Edmonton	Sept. 27-Dec.	13	18	47
65. The Law in Action	Edmonton	Jan. 19-Apr.	6	15	43
66. Fundamentals of Gardening	Edmonton	Jan. 17-Mar.	7	12	92
67. The Traveller's Europe	Edmonton	Sept. 28-Dec.	14	18	13
68. Great Books II, Section A	Edmonton	Oct. 12-Apr.	5	18	10
69. Great Books II, Section B	Edmonton	Sept. 29-Oct.	20	6	12
70. The American Election	Edmonton	Sept. 28-Nov.	30	20	17
71. The Science of Man	Edmonton	Oct. 17-Dec.	5	12	7
72. The Child in Different Cultures	Edmonton	Jan. 16-Apr.	3	18	45
73. Criminology—An Introductory Survey	Edmonton	Jan. 18-Apr.	26	23	28
74. Personality Development and Adjustment in Modern Society	N.O.M.A.	Oct. 4-Nov.	22	12	36
75. Office Management, Section A	N.O.M.A.	Oct. 5-Nov.	23	12	33
76. Office Management, Section B	N.O.M.A.	Jan. 17-Mar.	7	12	22
77. Office Management, Section C	N.O.M.A.	Jan. 18-Mar.	8	12	24
78. Office Management, Section D	N.O.M.A.	Sept. 30-Jan.	13	18	12
79. Leading Voluntary Organizations		Sept. 28-Nov.	30	15	38
80. Essentials of Good English	Edmonton	Oct. 12-Mar.	15	40	21
81. English Conversation and Pronunciation, Section A	Edmonton				
82. English Conversation and Pronunciation, Section B	Edmonton	Oct. 17-Mar.	20	40	21

Table I—Continued

Short Course, Class Conference or Workshop	Sponsors	Location	Period	Hours	Attendance
83. Introduction to Geology		Edmonton	Sept. 26-Jan. 9	18	22
84. Glacial and Pleistocene Geology		Edmonton	Jan. 16-Apr. 3	18	24
85. Wild Life in Alberta		Edmonton	Nov. 16-Feb. 8	15	29
86. Plant Life in Alberta		Edmonton	Jan. 16-Apr. 3	18	22
87. Introduction to Electronic Computer Programming, Section A		Edmonton	Sept. 28-Jan. 18	21	38
88. Introduction to Electronic Computer Programming, Section B		Edmonton	Jan. 25-Apr. 26	21	33
89. Commercial Applications of Electronic Computers, Section A		Edmonton	Jan. 3-Apr. 1	21	16
90. Commercial Applications of Electronic Computers, Section B		Edmonton	Jan. 3-Apr. 1	21	17
91. Short Story Writing		Edmonton	Oct. 6-Mar. 9	30	32
92. Introduction to Modern Physics	Edmonton Public and Separate School Boards, West Jasper Place School District	Edmonton	Jan. 18-Mar. 22	20	35
93. Soviet Russia in World Affairs	"	Edmonton	Jan. 19-Feb. 16	5	38
94. Contemporary Literature	"	Edmonton	Feb. 23-Mar. 23	5	35
95. The World of Mathematics		Edmonton	Jan. 18-Mar. 22	10	36
96. Income Tax Procedures in Business		Edmonton	Jan. 17-Mar. 7	12	17
97. Advanced Conversational French		Edmonton	Jan. 24-Mar. 28	15	13
98. Spanish for Beginners		Lethbridge	Jan. 24-Mar. 28	15	17
99. French for Beginners		Lethbridge	Jan. 25-Apr. 12	18	26
100. Geology		Red Deer	Oct. 12-Dec. 14	20	31
101. Conversational French		Red Deer	Jan. 12-Apr. 20	23	15
102. Portrait Painting	Department of Fine Arts	Edmonton	Mar. 21-June 29	30	15
103. Fundamentals of Drawing	Department of Fine Arts	Edmonton	Mar. 22-June 28	30	10
104. Advanced Life and Portrait Painting	Department of Fine Arts	Edmonton	Mar. 23-June 29	30	12
105. Fundamentals of Landscape Painting, Section A	Department of Fine Arts	Edmonton	Mar. 23-June 29	45	17
106. Fundamentals of Landscape Painting, Section B	Department of Fine Arts	Edmonton	Mar. 26-July 2	45	18
107. Introduction to Landscape Painting, Section A	Department of Fine Arts	Edmonton	July 4-15	30	9
108. Introduction to Landscape Painting, Section B	Department of Fine Arts	Edmonton	July 18-29	30	8
109. Introduction to Landscape Painting, Section C	Department of Fine Arts	Edmonton	Aug. 1-12	30	12
110. Fundamentals of Drawing	Department of Fine Arts	Edmonton	July 4-15	20	22
111. Portrait Painting	Department of Fine Arts	Edmonton	July 18-29	20	10
112. Life Painting	Department of Fine Arts	Edmonton	Aug. 1-12	20	13
113. Fundamentals of Landscape Painting, Section A	Department of Fine Arts	Edmonton	Sept. 14-Feb. 15	60	10
114. Fundamentals of Landscape Painting, Section B	Department of Fine Arts	Edmonton	Sept. 17-Feb. 18	60	9
115. Introduction to Life Painting	Department of Fine Arts	Edmonton	Sept. 26-Mar. 6	40	25

116. Portrait Painting	Department of Fine Arts	Sept. 30-Mar. 3	40	8
117. Fundamentals of Drawing	Department of Fine Arts	Sept. 27-Feb. 28	40	23
118. Advanced Life and Portrait Painting	Department of Fine Arts	Sept. 28-Mar. 1	40	24
119. Fundamentals of Painting	Department of Fine Arts	Sept. 29-Mar. 2	40	23
120. Pottery, Section A	Department of Fine Arts	Oct. 11-Feb. 28	60	7
121. Pottery, Section B	Department of Fine Arts	Oct. 13-Mar. 2	60	8
122. Pottery, Section C	Department of Fine Arts	Oct. 17-Mar. 13	60	8
123. Pottery	Department of Fine Arts	Jan. 18-Apr. 5	36	7
124. Interior Decoration, Section A	Department of Fine Arts	Oct. 5-Dec. 7	15	60
125. Interior Decoration, Section B	Department of Fine Arts	Oct. 5-Dec. 7	15	60
126. Home Furnishings	Department of Fine Arts	Jan. 18-Mar. 22	20	24
127. Introduction to Italian Opera	Department of Fine Arts	Oct. 21-Dec. 2	12	19
128. Canadian Art	Department of Fine Arts	Jan. 18-Mar. 8	12	54
129. Shakespearean Drama	Department of Fine Arts	Jan. 19-Mar. 23	15	27

Junior League of Edmonton

B. RURAL, COMMUNITY AND AGRICULTURAL SHORT COURSES AND CONFERENCES

130. Farm Young People's Week	A.W.P., U.G.G., F.U.A., U.F.A., Coop., A.C.W.A.	June 14-23	70	122
131. Western Canadian Farm Leader's Conference		Mar. 13-17	40	22
132. Short Course for the Gardening Trade	Department of Horticulture, Alta. Dept of Agriculture	Apr. 6-7	12	19
133. Short Course for the Gardening Trade	"	Mar. 20-30	11	12
134. 1960 Farm Finance Conference	Alta. Dept. of Agriculture, Alta. Beekeepers' Association	Sept. 14	8	31
135. Beekeepers' Short Course	A.W.P., F.U.A., U.G.G., F.U.A., U.F.A., Coop., A.C.W.A., U.G.G., U.F.A., Coop., A.C.W.A., Alta. Dept. of Agriculture, A.W.I.	Oct. 17-22	35	30
136. Short Course in Rural Leadership	Alta. Dept. of Agriculture, Alta. Beekeepers' Association	Feb. 26-Mar. 11	72	34
137. Short Course in Leadership Techniques	A.W.P., F.U.A., U.G.G., A.C.W.A., U.F.A., Coop., Dept. of Citizenship and Immigration, Alta. and Canada Dept. of Agriculture	Oct. 23-Nov. 5	72	40
138. Alberta Conference on TV in Education	A.C.W.A., Alta. Dept. of Agriculture, A.W.I. Alberta Federation of Home and School Associations, Alberta School Trustees Association, Dept. of Education, A.T.A., Sunwapta Broadcasting Co. Ltd.	June 2-3	14	68
139. TV in Education Conference		Mar. 27	7	32
140. TV in Education Conference		Mar. 29	7	24
141. Alberta Adult Education Conference		May 13-14	12	58
142. Conference on the Changing Community		May 11-13	13	27
143. Human Relations Training	National Council of Jewish Women	Nov. 1-Dec. 2	20	16
144. Personal Growth Through Group Experience	National Council of Jewish Women	Mar. 7-30	20	10
145. Human Relations Training	National Council of Jewish Women	Mar. 14-May 9	16	8
146. Leadership Training for the Blind	C.N.I.B.	Nov. 21-Feb. 20	24	16
147. Civic Leadership on Indian Reserves	Indian Affairs Branch	Sept. 9	7	40
148. Civic Leadership on Indian Reserves	Indian Affairs Branch	Sept. 30	9	40
149. Civic Leadership on Indian Reserves	Indian Affairs Branch	Dec. 2	7	18

Table 1—Continued

Short Course, Class Conference or Workshop	Sponsors	Location	Period	Hours	Attendance
150. Civic Leadership on Indian Reserves	Indian Affairs Branch	Wabamun	Jan. 31	4	6
151. Civic Leadership on Indian Reserves	Indian Affairs Branch	Wabamun	Feb. 24	4	7
152. Group Work in Mental Health Activity	Canadian Mental Health Association	Edmonton	Jan. 7-May 6	18	15
153. Community Workshop	Alta. Adult Education Conference	Grande Prairie	Apr. 9	6	16
154. Community Workshop	Alta. Adult Education Conference	High River	Apr. 20	6	25
C. FINE ARTS, EXTENSION CLASSES AND WORKSHOPS					
155. Drama	Edmonton Recreation Dept.	Edmonton	Apr. 4-May 23	16	34
156. Drama Workshop		Medicine Hat	Apr. 4-6	8	14
157. Acting and Speech		Medicine Hat	Sept. 5-20	12	5
158. Acting and Speech		Lethbridge	Sept. 7-22	12	14
159. Acting and Speech		Raymond	Sept. 9-24	12	27
160. Drama		Edmonton	Sept. 26-Dec. 5	20	18
161. Make-up		Edmonton	Sept. 28-Nov. 30	20	10
162. Drama		Edmonton	Jan. 9-Mar. 20	20	10
163. Speech		Edmonton	Jan. 10-Mar. 14	20	32
164. Introduction to Theatre		Ponoka	Jan. 12-Mar. 16	20	13
165. Introduction to Theatre		Vulcan	Jan. 13-Mar. 17	20	20
166. Community Art Class	Recreation Board	Alix	Oct. 13-Apr. 13	14	19
167. Community Art Class	Allied Arts Council	Athabasca	Oct. 14-Mar. 10	12	23
168. Community Art Class	Alix Art Club	Banff	Oct. 5-Apr. 12	21	32
169. Community Art Class	Banff Art Club	Banff	Oct. 14-Apr. 14	14	11
170. Community Art Class	Evergreen Art Club	Bashaw	Oct. 8-Apr. 15	14	20
171. Community Art Class	Bassano Art Club	Bassano	Oct. 5-Mar. 29	14	16
172. Community Art Class, Junior	Brooks Art Club	Brooks	Oct. 22-Apr. 15	12	15
173. Community Art Class	Brooks Art Club	Brooks	Nov. 4-Mar. 24	12	16
174. Community Art Class	Camrose Art Club	Camrose	Oct. 17-Apr. 10	10	15
175. Community Art Class	Camrose Art Club	Camrose	Oct. 3-Mar. 27	14	12
176. Community Art Class	Castor Art Club	Castor	Oct. 8-Apr. 15	14	19
177. Community Art Class	Castor Art Club	Castor	Oct. 3-Mar. 27	28	23
178. Community Art Class	Cluny Art Club	Cluny	Nov. 26-Apr. 29	12	18
179. Community Art Class	Cluny Art Club	Cluny	Oct. 4-Nov. 29	8	18
180. Community Art Class	Cochrane Art Club	Cochrane	Oct. 15-Apr. 15	14	10
181. Community Art Class	Drayton Valley Art Club	Drayton Valley	Nov. 8-Apr. 11	12	11
182. Community Art Class	Drumheller Art Club	Drumheller	Oct. 24-Apr. 10	14	21
183. Community Art Class	Edson Art Club	Edson	Oct. 3-Mar. 27	14	17
184. Community Art Class	Elk Island Art Club	High Prairie	Oct. 18-Apr. 11	14	20
185. Community Art Class	High Prairie Art Club	High River	Oct. 12-Mar. 12	14	23
186. Community Art Class	Lacombe Art Club	Lacombe	Oct. 3-Mar. 27	14	15
187. Community Art Class	Lloydminster Art Club	Lloydminster	Oct. 6-Apr. 14	14	10
188. Community Art Class	Parkland Art Club	Parkland	Oct. 4-Mar. 28	14	17
189. Community Art Class	Medicine Hat Art Club	Medicine Hat	Oct. 8-Mar. 4	12	20
190. Community Art Class	Nanton Art Club	Nanton	Oct. 6-Mar. 30	14	11
191. Community Art Class	Ponoka Art Club	Ponoka	Oct. 21-Apr. 14	14	20
192. Community Art Class	Ralston Art Club	Ralston	Jan. 21-Apr. 19	10	25
	Red Deer Art Club	Red Deer			
	Stettler Art Club	Stettler			

193.	Community Art Class	Sylvan Lake Art Club	Oct. 20-Apr. 13	14	20
194.	Community Art Class	Tofield Art Club	Dec. 3-Apr. 18	12	14
195.	Community Art Class	Turner Valley Art Council	Oct. 11-Apr. 18	20	17
196.	Community Art Class	Vermilion Art Club	Oct. 11-Mar. 7	12	18
197.	Community Art Class	Viking Art Club	Oct. 13-Mar. 9	12	16
198.	Community Art Class	Wainwright Art Club	Nov. 9-Mar. 28	10	14
199.	Community Art Class	Wetaskiwin Art Club	Oct. 22-Apr. 15	14	16
200.	Short Course	Dept. of Northern Affairs	June 29-Sept. 16	39	30
201.	Short Course	Wainwright Art Club	May 24-26	9	20
202.	Short Course	Ralston Art Club	June 9-11	12	18
203.	Short Course	Nanton Art Club	June 21-24	12	20
204.	Short Course	Vermilion Art Club	July 5-7	9	16
205.	Senior Workshop in Art	Vermilion	Apr. 19-23	36	31
206.	Choral Workshop	Czar	Apr. 4-13	15	22
207.	Choral Workshop	Glenwood	Apr. 18-May 4	15	19
208.	Piano Teachers' Summer Workshop	Edmonton	July 4-29	80	25
209.	Sight Reading and Ear Training	Edmonton	Oct. 7-Dec. 9	20	18
210.	Choral Workshop	Fort Sask.	Sept. 27-Nov. 29	29	20
211.	Choral Workshop	Grande Prairie	Nov. 11-13	8	10
212.	Choral Workshop	St. Paul	Oct. 28-Nov. 19	12	22
213.	Choral Workshop	Nanton	Oct. 10-Feb. 28	40	23
214.	Choral Workshop	Clareholm	Oct. 12-Dec. 14	20	15
215.	Choral Workshop	Dickson	Mar. 3-4	7	38
216.	Choral Workshop	Pincher Creek	Jan. 27-Mar. 24	12	61
217.	Sight Reading and Ear Training (Intermediate)	Edmonton	Jan. 13-Mar. 17	20	10
218.	Canadian Folk Songs	Edmonton	Jan. 16-Mar. 20	20	5
219.	What to Listen for in Music	Edmonton	Jan. 17-Mar. 21	20	32
D. BUSINESS, INDUSTRIAL AND PROFESSIONAL COURSES					
220.	Motor Fleet Management	Alta. Motor Transport Assoc.	May 30-June 3	30	20
221.	Motor Fleet Management	Edmonton	Mar. 6-10	35	22
222.	Short Course in Traffic Control	Banff	May 1-7	30	25
223.	Man Management	Edmonton	May 16-20	30	30
224.	Personnel Administration (2nd Year)	Edmonton	Oct. 18-Mar. 7	36	34
225.	Personnel Administration (2nd Year)	Edmonton	Oct. 19-Mar. 8	36	26
226.	Labour-Management Relations Seminar	Alberta Builders' Exchange Council	Sept. 26-27	12	27
227.	Preplanning for the Negotiation and Administration of the Collective Agreement	Edmonton Chamber of Commerce, C.M.A., Faculty of Commerce	Jan. 16-18	18	23
228.	Preplanning for the Negotiation and Administration of the Collective Agreement	" " " "	Jan. 23-25	18	16
229.	Grievance Procedure	" " " "	Mar. 28-30	18	17
230.	Grievance Procedure	" " " "	Apr. 3-5	18	21
231.	Fundamentals of Supervision	Edmonton Chamber of Commerce, C.M.A., Faculty of Commerce	Jan. 9-13	30	31
232.	Fundamentals of Supervision	" " " "	Jan. 16-20	30	32
233.	Fundamentals of Supervision	" " " "	Jan. 23-27	30	21

Table I—Continued

Short Course, Class Conference or Workshop	Sponsors	Location	Period	Hours	Attendance
234. Legal Problems in Retail Sales and Financing	Edmonton Chamber of Commerce	Edmonton	Jan. 24-Apr. 11	24	30
235. Management Communications	Alberta Association of Municipal Secretaries-Treasurers, Alberta Department of Municipal Affairs	Calgary	Jan. 25-Apr. 12	30	24
236. Municipal Administration	Alberta School Trustees' Association, Alberta School Secretaries' Association, Alberta Department of Education	Banff	June 9-11	16	86
237. School Administration		Banff	June 13-15	16	181
238. Social Welfare, Sec. V		Edmonton	May 10-27	12	40
239. Social Welfare, Sec. V		Calgary	May 10-27	12	34
240. Introduction to Social Welfare		Correspondence	Dec.-Feb.	...	5
241. Real Estate (1st Year)	Alberta Real Estate Association, C.I.R., School of Commerce	Edmonton	Oct. 20-Apr. 27	28	18
242. Real Estate (2nd Year)	"	Edmonton	Oct. 11-Apr. 25	30	11
243. Real Estate (3rd Year)	"	Edmonton	Oct. 13-May 2	30	17
244. Real Estate (1st Year)	"	Calgary	Oct. 18-Apr. 25	28	26
245. Real Estate (2nd Year)	"	Calgary	Oct. 11-Apr. 25	30	13
246. Real Estate (3rd Year)	"	Calgary	Oct. 11-May 4	30	26
247. Prospecting	Alberta and Northwest Chamber of Mines, Department of Geology, Canadian Institution of Mining and Metallurgy	Edmonton	Oct. 31-Dec.	23	45
248. Care of Premature Infants	University Hospital, University School of Nursing	Edmonton	Apr. 4-May 14	200	6
249. Care of Premature Infants	"	Edmonton	Nov. 7-Dec. 16	200	7
250. Mental Health Workshop	School of Nursing, A.A.R.N.	Edmonton	Jan. 9-11	18	46
251. Mental Health Workshop	School of Nursing, A.A.R.N.	Calgary	Jan. 5-7	18	35
252. Applied Differential Equations		Edmonton	Oct. 5-Apr. 5	25	13
253. Calculus and Analytic Geometry		Edmonton	Sept. 27-Mar. 28	48	31
254. Calculus and Analytic Geometry		Calgary	Oct. 17-Apr. 17	48	11
255. Numerical Methods		Edmonton	Oct. 11-Apr. 13	21	12
256. Engineering Statistics	Alberta Productivity Council, Research Council of Alberta, Department of Mathematics	Edmonton	Jan. 16-Apr. 3	42	31
257. Structural Engineering	Department of Civil Engineering	Edmonton	Mar. 22-24	20	61
258. Managing Investments	Investment Dealers' Association	Edmonton	Jan. 24-Mar. 21	18	43
259. Managing Investments	Investment Dealers' Association	Calgary	Jan. 26-Mar. 23	18	91
260. English Usage	Institute of Chartered Accountants of Alberta	Edmonton	Oct. 1-Nov. 19	16	29
261. English Usage	Institute of Chartered Accountants of Alberta	Calgary	Oct. 3-Nov. 23	16	26
262. English Usage	Institute of Chartered Accountants of Alberta	Correspondence	Oct. 1-Nov. 19	...	14
263. Seminar for Chartered Accountants	Institute of Chartered Accountants of Alberta	Banff	Nov. 7-11	40	25
264. Accounting I	Society of Industrial and Cost Accountants of Alberta	Calgary	Oct.-Apr.	40	36
265. Accounting I	"	Calgary	Oct.-Apr.	40	41
266. Accounting I	"	Calgary	Oct.-Apr.	40	43

267. Accounting II	"	"	"	Calgary	Oct.-Apr.	45
268. Accounting III	"	"	"	Calgary	Oct.-Apr.	40
269. Industrial Legislation	"	"	"	Calgary	Oct.-Apr.	21
270. Industrial Legislation	"	"	"	Calgary	Oct.-Apr.	32
271. Industrial Legislation	"	"	"	Calgary	Oct.-Apr.	40
272. Industrial Legislation	"	"	"	Calgary	Oct.-Apr.	37
273. Advanced Cost Accounting	"	"	"	Calgary	Oct.-Apr.	23
274. Industrial Organization and Management	"	"	"	Calgary	Oct.-Apr.	40
275. Managerial Statistics	"	"	"	Calgary	Oct.-Apr.	37
276. Fundamentals of Cost Accounting	"	"	"	Calgary	Oct.-Apr.	40
277. Accounting I	"	"	"	Edmonton	Oct.-Apr.	6
278. Accounting I	"	"	"	Edmonton	Oct.-Apr.	17
279. Accounting II	"	"	"	Edmonton	Oct.-Apr.	38
280. Accounting III	"	"	"	Edmonton	Oct.-Apr.	40
281. Accounting IV	"	"	"	Edmonton	Oct.-Apr.	43
282. Industrial Legislation	"	"	"	Edmonton	Oct.-Apr.	40
283. Industrial Legislation	"	"	"	Edmonton	Oct.-Apr.	47
284. Industrial Legislation	"	"	"	Edmonton	Oct.-Apr.	23
285. Industrial Legislation	"	"	"	Edmonton	Oct.-Apr.	16
286. Advanced Cost Accounting	"	"	"	Edmonton	Oct.-Apr.	30
287. Industrial Organization and Management	"	"	"	Edmonton	Oct.-Apr.	41
288. Managerial Statistics	"	"	"	Edmonton	Oct.-Apr.	40
289. Fundamentals of Cost Accounting	"	"	"	Edmonton	Oct.-Apr.	44
290. Report Writing	"	"	"	Edmonton	Oct.-Apr.	8

E. PETROLEUM INDUSTRY TRAINING SERVICE

291. Production Technology	C.P.A., C.A.O.D.C., O. & G.C.B.	Calgary	Apr. 4-8	30
292. Drilling Technology	C.P.A., C.A.O.D.C., O. & G.C.B.	Edmonton	May 2-6	23
293. Supervisory Training	C.P.A., C.A.O.D.C., O. & G.C.B.	Edmonton	May 2-6	26
294. First Aid	C.P.A., C.A.O.D.C., O. & G.C.B.	Edmonton	May 2-6	15
295. Drilling Technology	C.P.A., C.A.O.D.C., O. & G.C.B.	Edmonton	May 2-6	10
296. Supervisory Training	C.P.A., C.A.O.D.C., O. & G.C.B.	Edmonton	May 9-13	15
297. Rig Maintenance	C.P.A., C.A.O.D.C., O. & G.C.B.	Edmonton	May 9-13	25
298. Rig Maintenance	C.P.A., C.A.O.D.C., O. & G.C.B.	Edmonton	May 9-13	5
299. Rig Maintenance	C.P.A., C.A.O.D.C., O. & G.C.B.	Didsbury	Aug. 1-4	23
300. Rig Maintenance	C.P.A., C.A.O.D.C., O. & G.C.B.	Judy Creek	Aug. 6-9	24
301. Rig Maintenance	C.P.A., C.A.O.D.C., O. & G.C.B.	Judy Creek	Aug. 15-17	48
302. Battery Automation	C.P.A., C.A.O.D.C., O. & G.C.B.	Judy Creek	Aug. 18-20	18
303. Supervisory Training	C.P.A., C.A.O.D.C., O. & G.C.B.	Judy Creek	Aug. 22-24	11
304. Field Handling of Natural Gas	C.P.A., C.A.O.D.C., O. & G.C.B.	Drayton Valley	Sept. 19-30	16
305. Field Handling of Natural Gas	C.P.A., C.A.O.D.C., O. & G.C.B.	Drayton Valley	Oct. 4-7	20
306. Field Handling of Natural Gas	C.P.A., C.A.O.D.C., O. & G.C.B.	Edmonton	Oct. 31-Nov. 4	12
307. Supervisory Training	C.P.A., C.A.O.D.C., O. & G.C.B.	Calgary	Nov. 7-11	27
308. Introduction to Oilfield Practice	C.P.A., C.A.O.D.C., O. & G.C.B.	Stettler	Nov. 14-18	30
309. Log Interpretation	C.P.A., C.A.O.D.C., O. & G.C.B.	Edmonton	Nov. 21-24	16
310. Gas Metering	C.P.A., C.A.O.D.C., O. & G.C.B.	Calgary	Nov. 2-Dec. 14	102
		Edmonton	Feb. 7-Mar. 28	38
		Medicine Hat	Mar. 23	65

Table I—Continued

Short Course, Class Conference or Workshop	Sponsors	Location	Period	Hours	Attendance
311. Gas Plant Correspondence Course, No. 2	C.P.A., C.A.O.D.C., O. & G.C.B.	Edmonton	Mar. 21-Aug. 15	30*	22
312. Gas Plant Correspondence Course, No. 3 (Goliad)	C.P.A., C.A.O.D.C., O. & G.C.B.		June 17-Feb. 19	...	44
313. Gas Plant Correspondence Course, No. 4	C.P.A., C.A.O.D.C., O. & G.C.B.	Calgary	Nov. 11-Apr. 30	30*	20
314. Gas Plant Correspondence Course (Mid-Western Industrial Gas)	C.P.A., C.A.O.D.C., O. & G.C.B.		Nov. 11-Apr. 30	...	7
315. Gas Plant Correspondence Course (Alberta Ajax)	C.P.A., C.A.O.D.C., O. & G.C.B.		Nov. 11-Apr. 30	...	4
316. Gas Plant Correspondence Course (Progas)	C.P.A., C.A.O.D.C., O. & G.C.B.		Nov. 11-Apr. 30	...	8
317. Gas Plant Correspondence Course (Steelman Gas Ltd.)	C.P.A., C.A.O.D.C., O. & G.C.B.		Nov. 11-Apr. 30	...	32
318. Gas Plant Correspondence Course (Producers Pipeline)	C.P.A., C.A.O.D.C., O. & G.C.B.		Nov. 11-Apr. 30	...	7
319. Gas Plant Correspondence Course, No. 5	C.P.A., C.A.O.D.C., O. & G.C.B.	Edmonton	Feb. 3-June 26	30*	27
F. PUBLIC ADMINISTRATION TRAINING DIVISION					
320. Municipal and School Business Administration	Department of Municipal Affairs, Alberta Association of Municipal District Secretaries-Treasurers, Union of Alberta Municipalities, Alberta Association of Municipal Districts, Faculty of Education, Department of Education, Alberta School Trustees' Association, Alberta Association of School Secretaries	St. Paul	Oct. 1-Apr. 30	25*	7
321. Municipal and School Business Administration	"	Wainwright	Oct. 1-Apr. 30	25*	5
322. Municipal and School Business Administration	"	Hanna	Oct. 1-Apr. 30	25*	8
323. Municipal and School Business Administration	"	Didsbury	Oct. 1-Apr. 30	25*	6
324. Municipal and School Business Administration	"	Lacombe	Oct. 1-Apr. 30	25*	9
325. Municipal and School Business Administration	"	Calgary	Oct. 1-Apr. 30	25*	8
326. Municipal and School Business Administration	"	Pincher Creek	Oct. 1-Apr. 30	25*	5
327. Municipal and School Business Administration	"	Lethbridge	Oct. 1-Apr. 30	25*	14
328. Municipal and School Business Administration	"	Brooks	Oct. 1-Apr. 30	25*	7

329.	Municipal and School Business Administration	"	"	"	Thorhild	Oct.	1-Apr. 30	25*	1	
330.	Municipal and School Business Administration	"	"	"	Peace River	Oct.	1-Apr. 30	25*	6	
331.	Municipal and School Business Administration	"	"	"	Grande Prairie	Oct.	1-Apr. 30	25*	6	
332.	Municipal and School Business Administration	"	"	"	Edmonton	Oct.	1-Apr. 30	25*	9	
333.	Municipal and School Business Administration	"	"	"	Edmonton	Oct.	1-Apr. 30	25*	10	
334.	Municipal and School Business Administration	"	"	"	Edmonton	Oct.	1-Apr. 30	25*	10	
335.	Municipal and School Business Administration	"	"	"	Edmonton	Oct.	1-Apr. 30	25*	6	
336.	Municipal Assessment	Department of Municipal Affairs, Alberta Association of Municipal Districts, Union of Alberta Municipalities, Association of Assessing Officers of Alberta					Oct.	1-Apr. 30	25*	3
337.	Municipal Assessment	"	"	"	Wainwright	Oct.	1-Apr. 30	25*	1	
338.	Municipal Assessment	"	"	"	Hanna	Oct.	1-Apr. 30	25*	2	
339.	Municipal Assessment	"	"	"	Calgary	Oct.	1-Apr. 30	25*	13	
340.	Municipal Assessment	"	"	"	Lacombe	Oct.	1-Apr. 30	25*	8	
341.	Municipal Assessment	"	"	"	Calgary	Oct.	1-Apr. 30	25*	12	
342.	Municipal Assessment	"	"	"	Pincher Creek	Oct.	1-Apr. 30	25*	1	
343.	Municipal Assessment	"	"	"	Lethbridge	Oct.	1-Apr. 30	25*	7	
344.	Municipal Assessment	"	"	"	Brooks	Oct.	1-Apr. 30	25*	4	
345.	Municipal Assessment	"	"	"	Thorhild	Oct.	1-Apr. 30	25*	2	
346.	Municipal Assessment	"	"	"	Peace River	Oct.	1-Apr. 30	25*	4	
347.	Municipal Assessment	"	"	"	Grande Prairie	Oct.	1-Apr. 30	25*	4	
348.	Municipal Assessment	"	"	"	Edmonton	Oct.	1-Apr. 30	25*	14	
349.	Municipal Assessment	"	"	"	Edmonton	Oct.	1-Apr. 30	25*	11	
350.	Municipal Assessment	"	"	"	Edmonton	Oct.	1-Apr. 30	25*	12	
351.	Municipal Assessment	"	"	"	Edmonton	Oct.	1-Apr. 30	25*	10	
									8,134	

*Periodic seminar supplemental to correspondence program.

Recapitulation of Attendance

A. Evening Division	2,945
B. Rural, Community and Agricultural Short Courses and Conferences	736
C. Fine Arts, Extension Classes and Workshops	1,253
D. Business, Industrial and Professional Courses	2,235
E. Petroleum Industry Training Service	729
F. Public Administration Training Division	236
Total	8,134

Table II—Statistical Information, Extension Library

<i>Circulation of Books</i>			
<i>Open Shelf</i>	1959-60	1960-61	Difference
Adult books (including periodicals and sets of pamphlets)	81,549	81,698	149
Children's books	49,944	45,723	—4,221
	<u>131,493</u>	<u>127,421</u>	<u>—4,072</u>
<i>Travelling Libraries</i>			
Number of Travelling Libraries sent out:			
	1959-60	1960-61	
Adult	73	64	
Mixed	55	15	
Children's	328	64	
	<u>456</u>	<u>143</u>	
Circulation	46,158	21,596	—24,562
Banff School of Fine Arts	597	482	—115
<i>Total Circulation</i>	<u>178,248</u>	<u>149,499</u>	<u>—28,749</u>
<i>Membership</i>			
Number of paid-up memberships, September 1, 1960 to March 31, 1961		2,253	
<i>Collection</i>			
Number of books in collection:			
At April 1, 1960		48,101	
Accessions during year	4,497		
Withdrawals during year	3,656	841	
At March 31, 1961		<u>48,942</u>	

Table III—Statistical Information, Division of Visual Instruction

Number of Motion Picture Films in Library:	
Silent, 8 mm. and 16 mm.	508
National Film Board Films	1,004
Sponsored Sound Films	393
Sound Films, General	1,632
Total Films in Library	3,537
Number of New Films Added to Library During Year (included in above)	118
Number of Filmstrips in Library	2,708
Number of 2 × 2 Slides in Library	182

Film Circulation

	1960-61	1959-60	Comparison
Number of Reels Silent Film Sent Out	678	636	+42
Number of Silent Subjects Sent Out	678	636	
Number of Reels Sound Films Sent Out	18,799	16,606	+2,193
Number of Sound Subjects Sent Out	11,099	10,571	+517
Total Number of Orders of Films Sent Out ..	4,229	3,301	+928
Total Audience Viewing Films	624,527	610,529	+13,998
Number of Times Projection Service			
Supplied	339	264	+75
Number of Screenings for Groups in			
Screening Room	146	148	—2

Slides and Filmstrips

	1960-61	1959-60	Comparison
Number of 2 × 2 Slides Sent Out	58	56	+2
Total Audience Viewing Slides	2,040	975	+1,065
Individual Filmstrips Sent Out	4,116	3,535	+581
Total Audience Viewing Strips	87,033	46,836	+40,197

Table IV—General Statistical Survey

Visual Instruction

Number of Sets 2 × 2 Slides Sent Out	58	
Total Audience Viewing Slides		2,040
Individual Filmstrips Sent Out	4,116	
Total Audience Viewing Filmstrips		87,033
Number of Reels of Silent Films Sent Out	678	
Number of Reels of Sound Films Sent Out	18,799	
Total Number of Orders of Moving Picture Films Sent Out	4,229	
Total Audience Viewing Films		624,527
Number of Times Projection Service Supplied	339	
Number of Screenings for Groups in Screening Room	146	
Total Number of Screenings	485	

Lectures

Number of Conferences and Short Courses, Table I	351	
Aggregate Attendance		8,134

Library Circulation

Travelling Libraries		21,596
Open Shelf:		
Adult Books (including periodicals and pamphlets)	81,698	
Juvenile Books	45,723	
Total		127,421

Study Group Material

Number of Copies of New Canadian Plays Sold	268
Number of Bulletins, Circulars and Leaflets Sent Out	27,621
Ways of Mankind—texts sold for group study	20
Great Books Study Groups—text sets sold	58
Great Religious Study Groups texts sold	5
Canada in Folk Songs	14
Readings in World Politics	1

ANNUAL REPORT



EXTENSION

ACTIVITIES

1962

UNIVERSITY OF ALBERTA

Annual Report on Extension Activities

of the

UNIVERSITY OF ALBERTA

for the year ending March 31st 1962

Edmonton, August 15, 1962

Dr. Walter H. Jones

Dean, Faculty of Education

Dr. M. H. H. Jones

ANNUAL REPORT

on

Extension Activities of the University
of Alberta

for the Year ending March 31st
1962

Published by
Department of Extension, University of Alberta
Edmonton, Alberta

EXTENSION ADVISORY COUNCIL

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WILLIAM JOHN COLLETT, B.A., D.D., B.Ed., M.A.

Annual Report on Extension Activities

of the

UNIVERSITY OF ALBERTA

for the year ending March 31st, 1962

Edmonton, August 10, 1962

Dr. Walter H. Johns,
President, University of Alberta.

Dear Mr. President:

I have pleasure in presenting the forty-ninth report on the development of the Extension service of the University during the year. Conceived as a means of sharing the resources of the University with a large number of citizens who would never become its full-time students, University Extension proffers the resources of the University to the community in a variety of opportunities for continuing learning. The role of the Department in this is, as it were, that of a catalyst between the University and the public.

Not only through its Extension program but through a wide variety of services to the public by all members of the University staff, the University fulfills this role. Members of the various faculties have prepared and given lectures at various parts in the province and throughout Canada. They have undertaken radio and television broadcasts of many kinds, acted as advisers and consultants through community organizations and, through the preparation of bulletins and papers, have interpreted the results of their research to the University's constituency.

Continuing education, although it may be defined in a variety of ways, may be said to have as its purpose three central objectives. It is intended to prepare adults better to earn a living in the changing economy and society in which they live. Continuing education has a central purpose to fulfill in providing the framework through which the alert adult can draw on his cultural heritage to gain those insights from philosophy, from the arts, from the social sciences, from language and literature, which deepen and broaden one's experience of life. And finally, adult education must serve to strengthen the idea of the democratic process and to provide those skills and understandings which better equip the citizen to assume his responsibility.

The report which follows illustrates the direction of the Extension activities of the University as related to these purposes in its sections on liberal education, business, professional and vocational education, continuing education in the fine arts and community organization programs.

Liberal Education

In its essential function, the university is a storehouse and transmitter of the cultural heritage of man. Access to this storehouse of knowledge is the student's opportunity to broaden his horizons, sharpen his curiosity and deepen his perception and adding to his capacity, richen experience and understanding.

The function of University Extension is to provide the most appropriate framework through which the citizens of the province can share in the intellectual resources of their university. The high school certificate or the university degree mark the beginnings of an education, but it is through the process of continuing education that these beginnings are realized.

The University evening class program has been centered in Edmonton, Calgary and Lethbridge, with smaller offerings of courses in Red Deer and Westlock. In the main, the classes have been organized on a lecture-discussion basis. Increasingly, however, the availability of study-discussion materials makes possible small group seminars in which emphasis is put on the student's contribution and in a closer teacher-student relationship. For the most part, these classes provide an introduction to a subject. Increasingly, the resources of the Extension Library in books, periodicals and reference work and those of the Visual Instruction Division, graphic materials, films, slides and strips, are integrated within the program.

An interesting aspect of the liberal education program was the organization during the year, through the cooperation of the Edmonton Public School Board, the Edmonton Separate School Board, the West Jasper Place School District and the St. Albert School Division No. 3, of a series of seminars in Physics, Mathematics, Biology, English, Social Sciences, Modern Languages and Business Management. The purpose of this program was to introduce selected Grade XI and XII students to university studies under faculty members on the campus. The project comprised a lecture series in each of the above subject areas followed by laboratory workshops in which small groups of students worked with University faculty members and staff members of the Alberta Research Council in experimentation with counter-current solvent extractors, synthesis of organic materials, hydrometallurgical processes, gas chromatography apparatus, evolution of fossil buffalo, design of a wheat pipeline, methods of finding oilfields, crystal structure, Aquifer model and computer design of rocket combustion chamber.

The stimulus provided by the instructor and the opportunity to participate in classroom discussion is important to the adult student. Equally important is the provision of appropriate text material and readings necessary to enable him to pursue the subject independently. Special attention has been paid during the year to searching out the text books and indicating the reference material necessary for the student who is to continue his reading in the subject. Members of the staff too, have given a good deal of time to studying ways and means in which directed reading courses, correspondence courses and technical facilities such as programmed learning, recording tapes, records and the like, can be employed to provide opportunities in continuing education to Albertans remote from the campus.

The University, because it is the intellectual storehouse for the community and because it has a special place in society, has, we believe, a role of special importance in public affairs. As objective and independent observers of the political world, university faculty members have a role of exceptional importance to play in providing informed comment on public issues. University Extension as well has a special responsibility in the development of continuing education opportunities which will bring the student and the expert observer together.

A small beginning has been made in Extension course work with a series of seminars in World Politics, Race and Politics in Africa, Issues in Canadian

Politics, Issues in Canadian Foreign Policy, Totalitarianism and Democracy and Introduction to Soviet Politics. Each of these provides opportunity for ample student participation and requires careful preparation by the students themselves.

Business, Professional and Vocational Education

In an age of rapid technological change, the need for continuing education in the professions is obvious. Evidence of the concern of professional groups for continuing education is everywhere at hand. Continuing education in medicine, in pharmacy, in dentistry, in education, is well established. Business and industry are well aware of the implications of technological changes and are increasingly interested in further education opportunities for their staffs. An important function of University Extension, working together with the university faculty concerned, is the provision of refresher training to persons in the professions and those in business and industry.

The largest grouping of courses of professional training noted in this report are those in Accounting and related subjects offered in conjunction with the Society of Industrial and Cost Accountants of Alberta. They comprise thirty-four courses in Accounting, Industrial Legislation, Managerial Statistics, Industrial Organization and Management, and Report Writing. One thousand, one hundred and seventy students were registered in this lecture program in Edmonton and Calgary.

In conjunction with the School of Nursing, a series of refresher courses for nurses was arranged in Edmonton and Calgary in 'The Care of Premature Infants', 'Child Growth and Development' and 'Maternal and Child Health'.

For professional agriculturists, a course, 'Airphoto Interpretation in Agriculture' was arranged in conjunction with the Faculty of Agriculture. Similarly, a feed industry conference, a series of refresher courses for professional agrologists in animal science and soil science, a refresher course for beekeepers, in cooperation with the Alberta Department of Agriculture, and a series of farm finance conferences in Edmonton, Calgary and Grande Prairie were arranged during the year.

A wide variety of courses is offered to persons in business and industry. Responsibility for planning and developing the respective programs is typically that of representatives of the business and industrial community, staff members of the Faculty of Commerce and the Department of Extension. These courses include training in the field of human relations, communication and supervision, sales organization and management, labour relations, and occasional special subjects such as 'Application of Oil and Gas Law'. Many of these courses are offered on an intensive basis involving week-long or two-week-long sessions, morning, afternoon and evening.

A successful development during the year has been the initiation of a Management Development Program designed to provide an introduction to management principles and practice. The program comprises six subject areas including Managerial Accounting, Canadian Economic Development, Business Organization and Administration, Business Finance, Personnel Administration, Commercial Law, Marketing and Production Management. For the most part, students are drawn from middle management levels with a modal age of approximately thirty-five. Assistance in the development of the program and in staffing comes from the Faculty of Commerce and the Department of Political Economy. The total registration in this program in Edmonton and in Calgary in its first year was 276.

The work in Public Administration Training involves the preparation of lesson materials which are dispatched on a correspondence basis and followed up with regular field seminars by experts in the field. This program organized in cooperation with the Department of Municipal Affairs and the Department of Education of the Government of the Province of Alberta, the Alberta Association of Municipal Districts, the Alberta Association of Municipal District Secretary Treasurers, the Union of Alberta Municipalities, the Association of Assessing Officers of Alberta, the Alberta School Trustees Association, the Alberta School Secretaries Association, the Faculty of Education and the Department of Political Science, was formulated with the assistance of a series of Advisory Committees drawn from these organizations. Currently, the four year certificate program in Municipal Administration, Municipal Assessment and School Business Administration are offered with registrations of 80, 105 and 28 respectively. Field seminars are held every three or four weeks at Vermilion, Edmonton, Red Deer, Calgary, Lethbridge, Fairview and Grande Prairie.

Certificate courses in the fields of Personnel Administration and Real Estate are also offered in both Edmonton and Calgary, again with the cooperation and assistance of the provincial associations. In each case, considerable assistance comes from an Advisory Committee drawn from the Alberta Personnel Association and the Alberta Real Estate Association.

Community Organization

It is not unexpected that organizations in the community should turn to the University for assistance in establishing continuing education programs, for advice in the development of their organization and for aid in focusing membership attention on important public issues.

Particularly with the farm organizations of this province, the relations of the University have been very close. These organizations are concerned with the development of leadership potential within their ranks, thus enabling their members to study problems of importance to them and, in general, encouraging the continuing education of their members.

The Department of Extension has worked closely with these organizations in the planning and development of leadership courses. Much staff time has been given on an informal basis to consultation with them on their organizations' operation and program.

The Annual Farm Young People's Week, this year on the forty-fourth occasion, provided an opportunity to one hundred and twenty-five young Albertans to visit their University to receive instruction at the hands of faculty members and to gain a better perspective of their industry. The three residential courses in Leadership Techniques, Rural Leadership and the Western Canadian Farm Leaders' Conference are devised for leaders and potential leaders within the farm organizations. They offer practice in the mechanics of parliamentary procedure, group discussion, chairmanship, public speaking and report writing. What is more important, they provide an opportunity to these students to study the Canadian economy and the place of their industry in it, the nature of the society in which they live and the social, political and economic nature of the Canadian community in which they live. Each of these residential courses, of one or two weeks duration, makes a splendid contribution to the development of informed and knowledgeable citizens in rural Alberta.

The Department of Extension has taken some considerable responsibility

for the integration of continuing education efforts in this province through the Alberta Adult Education Conference annual meeting, the purpose of which is to focus attention on problems of continuing education. This year, at the request of the Indian and Northern Health Services, the Department made itself responsible for two intensive short courses on the 'Native Peoples of Canada'.

A considerable amount of staff time has been given to community and provincial organizations who have asked for assistance in program planning, organization administration, training problems within the organization, member relationships and the like. This is an important contribution of staff members of the Department and to an increasing degree, members of the staff are being called on for these consulting services.

Continuing Education in the Fine Arts

For many adults, the fine arts are a key which opens the doors towards their continuing education and personal development. With brush in hand and a canvas before him, the student becomes acquainted with the nature of beauty and more sensitive and understanding of classic and modern works of art. As a member of a drama group, on whatever side of the footlights he works, or as a member of a choral group, he cannot fail but derive a more genuine and useful insight into the work being studied, the playwright's or the composer's intentions and something of his philosophy.

The function of the fine arts division of the Department of Extension has been to provide leadership in the development of the arts in this province, to provide opportunities for adults to receive instruction in the techniques of that art and through visual materials, books, concerts and lectures, to develop his understanding and appreciation.

The continuing education program in painting has been carried on through the Community Art Classes which functioned in 37 centres and enrolled 714 students. Instruction is provided by members of the University staff and by provincial artists engaged for the purpose. The curriculum is developed in consultation with the Department of Fine Arts. Senior students in these classes are given the opportunity to attend an intensive week-long short course in the spring of the year. This year the instructor was Professor Gordon Smith of the University of British Columbia.

In Edmonton, twenty-two classes in Portrait Painting, Fundamentals of Painting, Life Painting, Landscape Painting, and Principles of Design and Composition were offered to 380 students. During this year, special attention has been given to organizing course work in such a way as to offer maximum assistance to the adult student in the development of his painting skill.

During the year, the Extension classes reached out to the communities of Yellowknife and Hay River in the N.W.T. and Dawson City in the Yukon Territories.

The chief emphasis of the Extension program in music has been in choir training. The purpose of these refresher courses of twenty or more hours duration is to broaden the skill of choral leaders and, at the same time, provide an opportunity for choir members to learn and to appreciate new levels of choral literature.

Choral workshops for groups of about forty persons were arranged in nine communities. A vocal workshop was organized in Vulcan, under the instruction of Mrs. E. Higgin. A series of chamber music coaching sessions,

under the direction of the distinguished pianist, Ross Pratt, was scheduled in Edmonton and a master class in piano was organized in Grande Prairie. Throughout the year, a series of lecture-recitals by distinguished musicians was offered in Convocation Hall. A highlight of the Extension program during the summer, the Summer Festival, was organized. Recitals by individual artists, (including members of the University staff), string groups choral concerts under the direction of G. K. Greene and a series of outstanding motion pictures were presented. Total attendance at the Festival, which is made possible by kind assistance from the Edmonton Symphony Society, through the Canada Council, was 3,472.

The work of the Extension Specialist in Drama has emphasized assistance to small groups through instruction in acting, directing and production. Courses in Speech, Acting and Production were offered in Edmonton, Coaldale and Red Deer. Considerable assistance was given to rehearsals and productions in Edmonton, Calgary, Vulcan and St. Albert. The Extension Specialist in Drama has made a significant contribution, through the Alberta Drama League to the development of the theatre in Alberta and as well, through the various regional festivals. Interest in playwriting has been stimulated by a provincial competition.

Extension Library

During the year, changes in policy with respect to Extension Library service were implemented. Entitlement to membership was restated, a schedule of nominal fees was put into effect and service to school classes was cancelled. Reflecting this change in service to schools, travelling libraries circulation dropped by 17,000. Open shelf circulation to adult readers, following the established trend, increased steadily, reaching a total of 89,376, the highest in the Library's history and double the circulation of seven years ago.

Reference service and reading guidance play an important part in the Library's work. Books are sent to study groups throughout the province, and those in art, music and drama have an especially rapid circulation. Many teachers call on the Library for information at the adult level, and there has been an increasing demand from supervisors of kindergartens and play schools, both for technical books on the organization of such schools, teaching of young children and for collections of songs, stories, games and other activities. Many requests are received from students for assistance in preparing term papers on a wide variety of subjects and by adult students studying by correspondence, particularly in the areas of English literature and Canadian history. Reference inquiries from general readers range in subject from Indian artifacts to Chartres Cathedral, from tanning rabbit hides to a critical study of King Lear.

As in any significant education program, teaching efforts must be supplemented by easy access to suitable books. The Library has paid special attention to guiding the reading of adult readers, to providing a general reference service to the Alberta communities and to the servicing of students enrolled in Extension classes and short courses. Smaller libraries throughout the province have been assisted with special collections of books. During the year some thirty-five travelling library boxes of 35-40 books were sent out to small public libraries throughout Alberta. Inter-library loans continue to increase and many small libraries call on the Extension Library for material in such fields, for example, as electronics, window display, stage costume, play production, accountancy, vocational guidance and so on, all of which are beyond their local resources.

This year, a particular effort has been made to adapt the usual service of the Library by mail to students enrolled in evening classes and short courses. Such students were served by prepared reading lists distributed to them together with forms entitling them to mail service.

Two sections of the catalogue of adult books were printed during the course of the year. A complete listing of the Library's collection is now available in six sections and kept up to date by supplementary lists of new books.

This reading service to members of the Alberta public is an important continuing education opportunity for Albertans. Many letters of thanks are received from readers, including this typical response to the Library service:

"I want to take this opportunity of thanking you all at the Library for the wonderful books I have had the privilege of reading this past year. By following a diversified reading program I am hoping to make up for the education I missed out on some forty years ago. Yours is a service I will never be able to take for granted—each new batch of books is a thrill."

Visual Instruction

During the last two years, the Visual Instruction Division has been in the process of preparing itself for a new and more appropriate pattern of service. This includes four distinct areas: the audio-visual materials and equipment library, an audio-visual materials preparation laboratory, an information and programming service and instruction consultation and research in audio-visual communication.

Circulation of film material during the year has been stable at the 19,000 reel mark. Five thousand filmstrips and sets of slides were sent out during the year.

In consultation with the Department of Fine Arts, a library of records and tapes has been begun and a broad range of recordings of music, drama and other areas, has been catalogued and the service extended to Albertans. It is intended that this material should become the basis for study programs throughout the province.

A change in policy with respect to the use of materials on campus has resulted in a substantial increase in the use of audio-visual materials in the intra-mural classes. In this connection, the Supervisor of the Division consults frequently with intra-mural departments in the selection and use of appropriate films, slides, strips and other materials. A complete catalogue of films, slides, strips and records has been prepared and distributed. In addition to its **prime** continuing education function, considerable attention has been given to cooperating with intra-mural faculties in meeting their needs for audio-visual materials and equipment. Thirty-two films have been acquired for the Library for some twelve departments. A considerable amount of time is given by members of the staff and by advisers, both on and off the campus, in the selection of suitable audio-visual materials for undergraduate and adult students.

Apart from its provision of a library of films, slides, strips and other materials, the Division assumes responsibility for advising on their best use. To this end an audio-visual reference file has been established, accessible both to faculty members and the public. with a growing stock of information on materials, equipment, techniques, etc. This information service enables better programming and a more effective use of audio-visual materials, both

on and off the campus. Planning has begun for the establishment of an audio-visual preparation laboratory. The purpose of this laboratory is to provide facilities to users of audio-visual materials which will enable them, with expert assistance at hand, to prepare classroom teaching aids. The Department of Extension is grateful to the Alumni Association of the University for its assistance in providing appropriate equipment during the year for the production of a filmstrip depicting campus activities of the University of Alberta.

The Supervisor of the Division has undertaken instruction in audio-visual communication in the Summer School Faculties of Education, Physical Education, Nursing Education and Household Economics, and off the campus with a variety of adult groups.

Agricultural Extension

Publications prepared by members of the Faculty of Agriculture and printed during the past year included:

1961 Feeders' Day Report

Immersion Cleaning

Chemical Control of Couch Grass

Blueberry-Beaverlodge Soil Survey

Colored Soil Profile Sheets

Alberta Soil Zones Map

Entomology Leaflets:

Camel Cricket, Strawberry Weevil, Mosquitoes and their Control, Insecticides for Use Around the Home and Garden, Mites in Stored Grain and Feeds.

Among the publications issued by the Department of Extension were 'Agricultural Bulletins' available from the University of Alberta, 'Motions and Amendments', 'Selected Lists of Horticultural Publications' and 'The Position of Agriculture in a Growing Economy'. The distribution of these bulletins and publications is an important function of the Department of Extension. During the year, some 45,000 bulletins, pamphlets and leaflets were distributed to those requesting them by mail or phone.

In cooperation with the Alberta Soil Survey staff of the Canada Department of Agriculture, a specially prepared, non-technical Edmonton soil survey sheet was prepared. It is expected that this type of publication will meet the needs of a wider audience than its more technical form, which will continue to be printed.

Staff

It is a great pleasure to record a well-deserved tribute to all members of the staff of the Department of Extension who have contributed so effectively to the University's work in continuing education. Faculty members from the Edmonton and Calgary campuses have given generously of their time and skill.

It is a particular satisfaction to record the substantial help and co-operation of many provincial organizations and the assistance of many persons from business, from the professions, from education and from agriculture for their contribution to the development of the University's Extension program.

New Directions

The most pressing demand on today's society is to improve its capacity to deal successfully with problems of international relations. This is clearly a key to world survival. Necessary to the development of this capacity is an informed citizenry, aware, sensitive and knowledgeable about

the problems with which we are confronted. In this, the University, with its unique position in the community, has a role of special responsibility. Through lectures, conferences, broadcasts, courses and reading programs, the University can make an important contribution towards education for citizen responsibility. If the resources of the University are to be shared effectively with the people of the province, some special attention should be given to more adequate service to rural areas. If a shift in population from rural to urban areas has made less possible the arrangement of regular classroom instruction in centres outside of Edmonton and Calgary, a contribution which a well organized program of correspondence education and directed reading can offer in this situation is worthy of careful exploration.

The development of adult education through public school boards and through a variety of local and province-wide organizations needs considerable encouragement.

Conclusion

The University has been described as a community of scholars and its responsibility that of storing, maintaining and disseminating accumulated knowledge. It functions to supply the educational needs of youth. But in addition, it has the relatively newly-developed but increasingly important function of providing educational opportunities to adults. No person, it has been said, can remain effectively educated without continuing study. In providing these opportunities for continuing education, the university serves itself and the province as well.

Respectfully submitted,

Duncan Campbell,
Director.

Table I

Sponsor		Location	Period	Hours	Attendance
A. LIBERAL EDUCATION					
1.	Conversational French, Section A	Calgary	Oct. 3-Feb. 20	30	17
2.	Conversational French, Section B		Oct. 3-Feb. 27	30	17
3.	Conversational French, Section C		Oct. 5-Mar. 1	30	25
4.	Conversational French, Section D		Sept. 27-Feb. 27	30	26
5.	Conversational French, Section E		Oct. 25-Feb. 21	23	8
6.	French Language Workshop		Oct. 2-Mar. 12	30	14
7.	Conversational Spanish, Section A		Oct. 3-Feb. 27	30	13
8.	Conversational Spanish, Section B		Oct. 3-Feb. 20	30	19
9.	Conversational Spanish, (Cont. Course)		Oct. 5-Feb. 22	30	10
10.	Introduction to German		Oct. 4-Feb. 21	30	18
11.	Continuation Course in German	Edmonton	Oct. 4-Feb. 21	30	6
12.	Russian for Beginners		Oct. 4-Feb. 21	30	20
13.	Russian for Beginners (Cont. Course)		Oct. 2-Feb. 26	30	9
14.	Creative Writing, Section A		Oct. 10-Dec. 12	20	15
15.	Creative Writing, Section B		Oct. 12-Dec. 14	20	15
16.	Native Peoples of North America		Oct. 11-Dec. 13	15	19
17.	The Foundations of Life		Oct. 10-Dec. 5	14	29
18.	Introduction to Applied Psychology		Oct. 2-Jan. 15	15	58
19.	World Politics		Jan. 29-Apr. 2	15	24
20.	The Golden Age of Athens		Jan. 22-Mar. 27	15	7
21.	Conversational French, Section A	Edmonton	Sept. 26-Feb. 27	30	30
22.	Conversational French, Section B		Sept. 25-Feb. 26	30	34
23.	Conversational French (Intermediate)		Sept. 27-Feb. 28	30	14
24.	Spanish for Beginners, Section A		Sept. 28-Mar. 1	30	35
25.	Spanish for Beginners, Section B		Sept. 28-Mar. 1	30	38
26.	Spanish (Advanced)		Sept. 28-Mar. 1	30	10
27.	Italian for Beginners		Sept. 26-Dec. 12	18	12
28.	Italian (Advanced)		Sept. 26-Dec. 12	18	10
29.	Conversational German, Section A		Sept. 26-Feb. 27	30	19
30.	Conversational German, Section B		Sept. 26-Feb. 27	30	20
31.	German (Advanced)	Edmonton	Sept. 27-Feb. 28	30	14
32.	Ukrainian for Beginners, Section A		Sept. 26-Mar. 27	36	24
33.	Ukrainian for Beginners, Section B		Sept. 26-Mar. 27	36	26
34.	Ukrainian Literature		Sept. 27-Mar. 28	36	17
35.	Russian for Beginners		Sept. 26-Mar. 27	36	27
36.	Russian (Intermediate)		Sept. 27-Mar. 28	36	8
37.	Conversational English (Advanced)		Oct. 16-Mar. 19	40	27
38.	The Science of Man		Sept. 27-Nov. 29	20	12
39.	The Growth & Development of the Personality, Section A		Sept. 27-Dec. 12	18	42
40.	The Growth & Development of the Personality, Section B		Jan. 17-Apr. 4	18	33
41.	Fundamentals of Sociology		Jan. 16-Mar. 20	20	31

42. Ways of Mankind	"	Oct. 4-Dec.	6	20	8
43. The World's Religions	"	Oct. 3-Nov.	21	10	40
44. Great Books I	"	Sept. 27-Dec.	13	18	9
45. Race and Politics in Africa	"	Sept. 27-Nov.	29	15	14
46. Issues in Canadian Politics	"	Sept. 28-Nov.	9	11	14
47. Totalitarianism and Democracy	"	Jan. 18-Feb.	22	9	10
48. Introduction to Soviet Politics	"	Sept. 26-Nov.	23	20	30
49. Shakespearian Drama	"	Jan. 16-Apr.	12	24	12
50. Short Story Writing	"	Jan. 15-Mar.	19	20	20
51. Effective Reading, Section A	"	Oct. 18-Feb.	14	23	34
52. Effective Reading, Section B	"	Jan. 16-Mar.	20	15	24
53. Law in Action	"	Jan. 16-Mar.	20	15	25
54. Bird Life in Alberta	"	Sept. 26-Dec.	12	18	22
55. Plant Life in Alberta	"	Jan. 16-Mar.	20	20	8
56. Astronomy	"	Jan. 15-Apr.	2	18	15
57. Introduction to Geology	"	Oct. 3-Dec.	5	15	17
58. Rocks and Minerals	"	Sept. 25-Dec.	18	18	21
59. Interior Design	"	Jan. 15-Apr.	2	18	40
60. Interior Design (Con't.) Section A	"	Oct. 4-Dec.	6	15	127
61. Interior Design (Con't.) Section B	"	Jan. 15-Mar.	19	15	55
62. Great Heretics in Eastern and Western Thought	"	Jan. 17-Mar.	21	15	65
63. Chemistry	"	Jan. 15-Apr.	2	18	26
64. Physics	E.P.S.B., E.S.S.B., W. J.P. School Dist. No. 4679, St. Albert S.D. No. 3	Jan. 30-Feb.	27	10	38
65. Mathematics	"	Jan. 30-Feb.	27	10	35
66. Biology	"	Jan. 31-Feb.	28	10	35
67. English	"	Jan. 31-Feb.	28	10	33
68. Social Sciences	"	Jan. 30-Feb.	27	10	35
69. Modern Languages	"	Feb. 1-Mar.	1	8	34
70. Business Management	"	Jan. 29-Feb.	26	8	32
71. Countercurrent Solvent Extractor	E.P.S.B., E.S.S.B., W. J.P. School Dist. No. 4679, St. Albert S.D. No. 3 and Research Council of Alberta	Jan. 29-Mar.	5	10	27
72. Workshop	"	Jan. 31-Feb.	28	10	5
73. Synthesis of Organic Materials	"	Jan. 29-Feb.	26	10	5
74. Workshop	"	Jan. 29-Feb.	26	10	5
75. Hydrometallurgical Process Workshop	"	Jan. 29-Feb.	26	10	4
76. Gas Chromatography Apparatus	"	Jan. 30-Feb.	27	10	5
77. Evolution of Fossil Buffalo Workshop	"	Feb. 7-Mar.	7	10	5
78. Design of a Wheat Pipeline Workshop	"	Jan. 31-Feb.	28	10	5
79. Methods of Finding Oilfields	"	Jan. 30-Feb.	27	10	5
80. Workshop	"	Jan. 31-Feb.	28	10	5
81. Crystal Structures Workshop	"	Jan. 30-Feb.	27	10	5
82. Aquifer Model Workshop	"	Jan. 31-Feb.	28	10	5
83. Computer Design of Rocket Combustion Chamber Workshop	"	Jan. 31-Feb.	28	10	5
84. Geology	"	Apr. 19-May	17	18	18
85. Red Deer					

Table I—Continued

	Sponsor		Location	Period	Hours	Attendance
	Westlock	Local A.T.A.				
83. French Conversation	Westlock	Local A.T.A.	Westlock	Oct. 10-Apr. 19	30	24
84. Home Gardening			"	Jan. 23-Mar. 22	12	14
85. French			Lethbridge	Oct. 24-Jan. 16	15	9
86. Spanish			"	Oct. 23-Jan. 15	15	15
87. French (Advanced)			"	Jan. 23-Mar. 27	15	13
88. Spanish	Westlock	Local A.T.A.	"	Jan. 22-Mar. 13	15	13
89. The Contemporary Novel			"	Jan. 24-Mar. 28	15	7
90. Conversational French (Beginners)			"	Jan. 30-Apr. 7	15	10
						1,934
B. BUSINESS, PROFESSIONAL AND VOCATIONAL EDUCATION						
1. Introduction to Electronic Computer Programming	Calgary		Calgary	Oct. 18-Nov. 29	12	62
2. Introduction to Electronic Computer Programming			"	Jan. 16-Mar. 13	12	25
3. Computer Programming (Continuation Course)			"	Oct. 5-Mar. 8	30	11
4. Data Processing with a Computer			"	Jan. 17-Mar. 21	15	22
5. Sales Management, Section A			"	Oct. 3-Dec. 12	20	19
6. Sales Management, Section B	Edmonton		"	Oct. 5-Dec. 7	20	30
7. Financial Management in Small Business, Section A			"	Oct. 10-Dec. 12	20	25
8. Financial Management in Small Business, Section B			"	Oct. 11-Dec. 13	20	17
9. Financial Management in Small Business, Section C			"	Jan. 30-Apr. 3	20	36
10. Introduction to Statistics			"	Oct. 3-Feb. 20	30	11
11. Essentials of Good English, Section A	Edmonton		Edmonton	Jan. 24-Apr. 11	18	20
12. Essentials of Good English, Section B			"	Oct. 4-Dec. 6	15	34
13. Essentials of Good English, Section C			"	Oct. 4-Dec. 6	15	31
14. The Dynamics of Interviewing			"	Jan. 15-Mar. 19	15	25
15. Fundamentals of Electronic Computer Programming, Section A			"	Oct. 5-Dec. 14	22	19
16. Fundamentals of Electronic Computer Programming, Section B	Edmonton		"	Sept. 20-Dec. 20	21	19
17. Fundamentals of Electronic Computer Programming, Section C			"	Sept. 19-Dec. 19	21	20
18. Fundamentals of Electronic Computer Programming, Section D			"	Sept. 27-Dec. 27	20	20
19. Fundamentals of Electronic Computer Programming, Section E			"	Sept. 26-Dec. 26	21	18
20. Fundamentals of Electronic Computer Programming, Section F			"	Jan. 4-Mar. 29	21	19
21. Fundamentals of Electronic Computer Programming, Section G	Edmonton		"	Jan. 4-Mar. 7	20	22

22. Commercial Machine Applications	"	Jan. 3-Mar.	7	31	9
23. Scientific and Engineering Machine Applications	"	Jan. 9-Mar.	13	31	16
24. Case Studies in Digital Computer Programming	"	May 8 -July	10	31	17
25. Semi-Conductors and Transistors	"	Jan. 23-Mar.	27	20	35
26. Agricultural Seminars	"	Jan. 17-Mar.	28	9	40
27. Tailoring	"	Nov. 2-Apr.	5	60	14
28. Commercial Art	"	Oct. 2-Mar.	5	40	22
29. Air Photo Interpretation in Agriculture	"	Apr. 10-Apr.	14	30	18
30. Feed Industry Conference	"	Nov. 23- Nov	24	12	80
31. Refresher Courses for Professional Agrolgists	"				
—Animal Science					
—Plant Science		Feb. 5-6		12	43
32. Beekeepers' Short Course	"	Feb. 5-6		12	33
33. Farm Finance Conference	"	Mar. 19-Mar.	23	30	18
34. Farm Finance Conference	"	Sept. 20-21		9	33
35. Farm Finance Conference	Calgary	Sept. 14-15		9	35
36. Municipal Administration	Gr. Prairie	Sept. 27-28		9	26
	Vermillion	Oct. 1-Apr.	30	25	8
37. "	Edmonton	"	"	25	10
38. "	"	"	"	25	7
39. "	Red Deer	"	"	25	8
40. "	Calgary	"	"	25	10
41. "	Lethbridge	"	"	25	7
42. "	Fairview	"	"	25	5
43. Municipal Assessment	Red Deer	"	"	25	16
44. "	Edmonton	"	"	25	28
45. "	Lethbridge	"	"	25	10
46. "	Calgary	"	"	25	16
47. "	Fairview	"	"	25	3
48. "	Edmonton	"	"	25	23
49. School Business Administration	Gr. Prairie	"	"	10	2
50. School Business Administration	Edmonton	"	"	25	11
51. School Business Administration	Lethbridge	"	"	25	4
52. School Business Administration	Calgary	"	"	25	6
53. Short Course in Traffic Control	Banff	May 8-12		30	23
54. Communication in Supervision	Edmonton	Apr. 17-19		18	41
55. Communication in Supervision	Calgary	Apr. 20-22		18	31
56. Managing the Small Business	Red Deer	June 19-23		20	21

Table I—Continued

Sponsor	Location	Period	Hours	Attendance
57. Human Factors in Management and Supervision, Section A	Edmonton	Oct. 3-Dec. 12	22	36
58. Human Factors in Management and Supervision, Section B	"	Oct. 5-Dec. 14	22	29
59. Sales Organization and Management	"	Jan. 12-Mar. 30	24	37
60. Negotiating the Collective Agreement	"	Nov. 8-10	18	29
61. Negotiating the Collective Agreement	"	Nov. 15-17	18	23
62. Personnel Administration, 3rd year	Calgary	Oct. 17-Mar. 6	36	32
63. Personnel Administration, 3rd year	Edmonton	Oct. 18-Mar. 7	36	24
64. Financial Management in Small Businesses	Calgary		36	24
65. Management Development-Managerial Accounting, Section A	Lethbridge	Oct. 23-27	15	24
66. Management Development-Managerial Accounting, Section B	Edmonton	Oct. 16-April 23	50	34
67. Management Development-Managerial Accounting, Section C	"	Oct. 17-April 24	50	34
68. Management Development-Managerial Accounting, Section D	"	Oct. 17-April 24	50	36
69. Management Development-Managerial Accounting, Section E	Calgary	Oct. 16-April 23	50	26
70. Management Development-Canadian Economic Development, Section A	"	Oct. 17-April 24	50	24
71. Management Development-Canadian Economic Development, Section B	Edmonton	Oct. 16-April 23	50	38
72. Management Development-Canadian Economic Development, Section C	"	Oct. 17-April 24	50	33
73. Management Development-Canadian Economic Development, Section D	Calgary	Oct. 16-April 23	50	25
74. Application of Oil and Gas Law	"	Oct. 17-April 23	50	26
75. Management Skills in Human Relations	Edmonton	Oct. 18-April 5	24	27
76. Management Skills in Human Relations	"	Jan. 13-19	40	31
77. Real Estate, 1st year	Calgary	Jan. 22-26	40	20
78. Real Estate, 1st year	"	Oct. 3-April 10	28	26
79. Real Estate, 2nd year	Edmonton	Oct. 5-April 12	28	25
80. Real Estate, 2nd year	Calgary	Oct. 10-May 1	30	10
81. Real Estate, 3rd year	Edmonton	Oct. 10-May 1	30	10
82. Real Estate, 3rd year	Calgary	Sept. 26-May 1	32	16
83. School Administration	Edmonton	Sept. 28-May 3	32	10
84. Municipal Administration	Banff	June 15-17	24	181
85. Prospecting	"	June 12-14	24	107
86. English Usage	Edmonton	Oct. 30-Dec. 14	28	24
87. English Usage	Calgary	Sept. 9-Oct. 28	16	33
88. English Usage	Correspondence	Sept. 11-Oct. 30	16	23
		Sept. 9-Oct. 28	...	20

A.S.S.A., A.S.T.A., Alta. Dep't. of Education,
A.A.M.D.S.T., Alta. Dep't. of Mun. Affairs

Chamber of Mines, CIMM
Institute of Chartered Accountants of Alta.

" " "

" " "

89.	Accounting I	Soc. of Industrial & Cost Accountants of Alta.	Calgary	Oct.-April	36	44
90.	"	"	"	"	37	37
91.	"	"	"	"	36	37
92.	"	"	"	"	36	35
93.	"	"	Edmonton	"	36	38
94.	"	"	"	"	36	38
95.	"	"	"	"	36	34
96.	"	"	"	"	36	34
97.	Industrial Legislation	"	Calgary	"	36	33
98.	"	"	"	"	42	39
99.	"	"	"	"	42	39
100.	"	"	"	"	42	37
101.	"	"	"	"	42	33
102.	"	"	Edmonton	"	42	34
103.	"	"	"	"	42	35
104.	"	"	"	"	42	40
105.	Accounting II	"	"	"	42	37
106.	"	"	Calgary	"	40	48
107.	"	"	Edmonton	"	40	27
108.	Fundamentals of Cost Accounting	"	"	"	40	31
109.	Fundamentals of Cost Accounting	"	Calgary	"	52	43
110.	Fundamentals of Cost Accounting	"	Edmonton	"	52	33
111.	Accounting III	"	"	"	52	29
112.	Accounting III	"	Calgary	"	20	38
113.	Advanced Cost Accounting	"	Edmonton	"	52	44
114.	Advanced Cost Accounting	"	Calgary	"	52	48
115.	Managerial Statistics	"	Edmonton	"	52	37
116.	Managerial Statistics	"	Calgary	"	20	38
117.	Accounting IV	"	Edmonton	"	20	44
118.	Accounting IV	"	Calgary	"	20	27
119.	Industrial Organization & Management	"	Edmonton	"	20	27
120.	Industrial Organization & Management	"	Calgary	"	40	13
121.	Report Writing	"	Edmonton	"	40	20
122.	Report Writing	"	Calgary	"	20	15
123.	Managing Investments	Investments Dealers' Association	Edmonton	"	20	18
124.	Managing Investments	"	"	Jan. 23-Mar. 20	18	73
125.	Trigonometry	"	Calgary	Jan. 25-Mar. 22	18	72
126.	Analytic Geometry	"	Edmonton	Oct. 4-Dec. 20	24	18
127.	Physics	"	Edmonton	Jan. 10-Mar. 28	24	13
128.	Chemistry	"	"	Oct. 3-Mar. 27	48	21
129.	Care of Premature Infants	School of Nursing, University Hospital	"	Oct. 15-Mar. 19	30	19
130.	Care of Premature Infants	"	"	Apr. 17-May 27	200	5
131.	Child Growth and Development	Edmonton Council of Community Services	"	Oct. 30-Dec. 10	20	5
132.	Child Growth and Development	"	"	Oct. 3-Dec. 5	20	105
133.	Maternal and Child Health	School of Nursing	"	Feb. 21-May 9	24	32
134.	Maternal and Child Health	"	Calgary	Mar. 1-2	16	84
135.	Income Tax Procedures in Business	"	Edmonton	Mar. 8-9	16	122
136.	Nutrition: Facts, Fads, and Fallacies	"	"	Jan. 16-Feb. 20	12	19
				Oct. 3-Nov. 21	12	10

4,075

Table I—Continued

Table 1-Continued		Sponsor	Location	Period	Hours	Attendance
C. COMMUNITY ORGANIZATION						
1.	How to Lead Discussions	AWP, UGG, UFA Co-op, ACWA, FUWA, Jr.	Edmonton	Oct. 11-Nov. 1	8	26
2.	Farm Young People's Week	FUA, Faculty of Agriculture	"	Jun. 13-22	70	120
3.	Leadership Techniques	AWP, FUA, UFA Co-op., UGG, Jr. FUA, ACWA, AWI, FWUA	Banff	Oct. 22-Nov. 4	72	36
4.	Rural Leadership	AWP, FUA, UGG, ACWA, FCL, Dep't. of Citizenship and Immigration, Alta. and Canada Dep't. of Agriculture	"	Feb. 26-Mar. 9	72	25
5.	Western Canadian Farm Leaders' Conference	Edmonton	Edmonton	Mar. 19-24	30	22
6.	Native Peoples of Canada	Indian & Northern Health Services	"	Nov. 23-24	12	48
7.	Native Peoples of Canada	"	"	Nov. 27-28	12	50
8.	Alberta Adult Education	"	Banff	April 26-29	15	44
9.	National Conference on School Architecture	"	"	Mar. 28-30	18	107
						478
D. CONTINUING EDUCATION IN THE FINE ARTS						
1.	Choir Training, Section A	Department of Fine Arts	Calgary	Oct. 4-Dec. 6	15	21
2.	Choir Training, Section B	"	"	Jan. 22-Mar. 26	15	17
3.	Contemporary Drama	"	"	Oct. 3-Nov. 7	9	2
4.	Portrait Painting, Section A	"	Edmonton	May 20-May 22	20	22
5.	Portrait Painting, Section B	"	"	July 17-29	20	19
6.	Portrait Painting, Section C	"	"	Oct. 9-Mar. 13	40	24
7.	Fundamentals of Painting, Section A	"	Edmonton	Mar. 21-May 23	20	16
8.	Fundamentals of Painting, Section B	"	"	July 3-July 15	20	23
9.	Fundamentals of Painting, Section C	"	"	Oct. 10-Mar. 13	40	23
10.	Fundamentals of Painting, Section D	"	"	Oct. 10-Mar. 13	40	22
11.	Life Painting, Section A	"	"	Mar. 22-May 24	20	13
12.	Life Painting, Section B	"	"	July 31-Aug. 12	20	11
13.	Life Painting, Section C	"	"	Oct. 11-Mar. 15	40	18
14.	Fundamentals of Painting, Section A	"	"	Mar. 23-May 25	20	22
15.	Fundamentals of Painting, Section B	"	"	Oct. 12-Mar. 15	40	16
16.	Fundamentals of Painting, Section C	"	"	Oct. 12-Mar. 15	40	17
17.	Fundamentals of Painting, Section D	"	"	Oct. 12-Mar. 15	40	14
18.	Landscape Painting, Section A	"	"	Mar. 22-May 24	30	24
19.	Landscape Painting, Section B	"	"	Mar. 22-May 24	30	23
20.	Landscape Painting, Section C	"	"	Mar. 25-May 27	30	30
21.	Landscape Painting, Section D	"	"	July 3-July 15	30	9
22.	Landscape Painting, Section E	"	"	July 17-29	30	12
23.	Landscape Painting, Section F	"	"	July 31-Aug. 12	30	12
24.	Landscape Painting, Section G	"	"	Sept. 27-Feb. 16	60	16
25.	Landscape Painting, Section H	"	"	Sept. 30-Dec. 2	30	19

25.	Principles of Design and Composition		"	Oct.	2-Mar.	5	40	13
26.	Looking at Modern Painting		"	Oct.	16-Dec.	18	20	13
27.	Introduction to Italian Opera		"	Oct.	6-Nov.	24	16	10
28.	What to Listen for in Music, Sec. A		"	Oct.	3-Dec.	5	18	36
29.	What to Listen for in Music, Sec. B		"	Jan.	16-Mar.	20	18	21
30.	Speech I		"	Oct.	15-Dec.	7	20	18
31.	Acting I		"	Oct.	16-Dec.	4	16	10
32.	Shakespeare—Acting and Production		Coaldale	Oct.	25-May	31	36	34
33.	Introduction to the Theatre		Red Deer	Nov.	1-Feb.	7	20	17
34.	Speech II		Edmonton	Jan.	9-Mar.	13	20	16
35.	Acting II			Feb.	6-Apr.	10	20	11
36.	Red Deer		Red Deer	Oct.	20-Apr.	6	14	20
37.	Ryley		Ryley Art Club	Oct.	7-Mar.	31	14	15
38.	Stettler		Stettler Art Class	Oct.	3-Mar.	20	22	14
39.	Sylvan Lake		Sylvan Lake Art Club	Oct.	19-Apr.	5	14	25
40.	Viking		Viking Art Club	Oct.	9-Mar.	6	12	13
41.	Vulcan		Vulcan Art Class	Oct.	3-Mar.	27	14	15
42.	Wainwright		Wainwright Art Class	Oct.	10-Mar.	5	12	16
43.	Wetaskiwin		Wetaskiwin Community Art Club	Oct.	21-Apr.	7	14	16
44.	Yellowknife		Yellowknife Department of Northern Affairs	May	31-June	7	18	30
45.	Yellowknife		"	July	5-July	12	12	20
46.	Nanton		Nanton Art Club	June	19-20	8	15	15
47.	Ralston		Ralston Art Club	June	21-23	12	15	16
48.	Dawson City		Dawson City Department of Northern Affairs	July	4-12	28	16	16
49.	Hay River, N.W.T.		Hay River	Aug.	16-22	30	12	30
50.	Community Art Class Conference		Edmonton	April	22	4	136	136
51.	Vermilion		Vermilion Art Club	Oct.	11-Mar.	7	12	20
52.	Alix		Alix Art Club	Oct.	5-Mar.	29	14	18
53.	Athabasca		Athabasca Art Club	Oct.	12-Mar.	8	12	21
54.	Barrif		Barrif Art Club	Oct.	4-Mar.	28	35	37
55.	Barrhead		Barrhead School of Art	Nov.	20-Apr.	23	14	17
56.	Bashaw		Bashaw Evergreen Art Club	Oct.	13-Apr.	13	14	12
57.	Bashaw		Bashaw Art Club	Oct.	2-April	14	24	35
58.	Camrose		Camrose Art Club	Oct.	16-April	2	14	14
59.	Castor		Castor Art Club	Oct.	10-April	7	28	23
60.	Cluny		Cochrane Art Class	Oct.	14-Mar.	3	24	25
61.	Cochrane		Drayton Valley Art Club	Oct.	14-Mar.	24	14	18
62.	Drayton Valley		Drumheller Art Club	Oct.	21-April	3	20	20
63.	Edson		Edson Art Club	Oct.	13-April	7	14	23
64.	Fort Saskatchewan		Ft. Saskatchewan Art Club	Oct.	13-April	13	14	10
65.	High Prairie		High Prairie Art Club	Oct.	13-Mar.	9	12	24
66.	High River		High River Art Club	Oct.	16-April	9	24	12
67.	Lacombe		Lacombe Art Club	Oct.	18-April	4	14	20
68.	Medicine Hat		Medicine Hat Community Art Club	Oct.	6-Mar.	2	6	30
69.	Nanton		Nanton Art Class	Oct.	3-Mar.	27	14	15
70.	Parkland		Prism Art Club	Oct.	30-Mar.	26	10	12
71.	Ponoka		Ponoka Art Club	Oct.	7-April	3	14	24
72.	Ralston		Ralston Community Art Club	Oct.	5-Mar.	29	14	12
73.	Choral Workshop		Hanna	Oct.	16-Dec.	18	20	24

Table I—Continued

	Sponsor	Location	Period	Hours	Attendance
74.	Choral Workshop	Didsbury	Oct. 17-Dec. 19	20	44
75.	Choral Workshop	Tofield	Jan. 22-Mar. 26	20	14
76.	Choral Workshop	Ponoka	Oct. 16-Dec. 18	20	34
77.	Choral Workshop	Drumheller	Jan. 11-Mar. 15	20	52
78.	Choral Workshop	Acme	Jan. 12-Mar. 16	20	36
79.	Choral Workshop	Canrose	Jan. 15-Mar. 19	20	35
80.	Choral Workshop	Pincher Creek	Jan. 12-Mar. 16	20	37
81.	Choral Workshop	Alrdrie	March 9-10	6	25
82.	Vocal Workshop	Vulcan	Oct. 29-Nov. 8	16	17
83.	Ross Pratt Coaching Sessions in Chamber Music	Edmonton			19
84.	Boris Roubakine Piano Masterclasses and Recital	Gr. Prairie	Nov. 11, 12	...	9
					<u>1,776</u>

Recapitulation of Table I

	No. of Courses	Attendance
A. Liberal Education	92	1,934
B. Business, Professional and Vocational Education	134	4,075
C. Community Organizations	9	478
D. Continuing Education in the Fine Arts	84	1,776
Total	319	<u>8,263</u>

Table II—Statistical Information, Extension Library

<i>Circulation of Books</i>			
<i>Open Shelf</i>	1960-61	1961-62	Difference
Adult books (including periodicals and sets of pamphlets)	81,698	89,376	7,678
Children's books	45,723	46,281	558
	127,421	135,657	8,236
<i>Travelling Libraries</i>			
No. of travelling libraries	1960-61	1961-62	
Adult	64	52	
Mixed	15	13	
Children's	64	3	
	143	68	
Circulation	21,596	3,773	—17,823
Banff School of Fine Arts	482	581	99
Total Circulation	149,499	140,011	—9,488
<i>Memberships</i>			
September 1, 1961 to March 31, 1962	2,127		
<i>Collection</i>			
No. of books at April 1, 1961	48,942		
Accessions during the year	4,564		
Withdrawals during the year	1,949	2,615	
No. of books at March 31, 1962	51,557		

Table III—Statistical Information, Division of Visual Instruction

<i>Number of Motion Picture Films in Library:</i>			
Silent, 8 mm. and 16 mm.			498
Sponsored Sound Films			387
Sound Films, General			2,670
Total Films in Library			3,555
<i>Number of New Films Added to Library During Year</i>			
(included in above)			162
Number of Filmstrips in Library			2,874
Number of Sets of 2x2 Slides in Library			179
<i>Film Circulation</i>			
	1961-62	1960-61	Comparison
Number of Reels Silent Film Sent Out	376	678	—302
Number of Silent Subjects Sent Out	376	678	—302
Number of Reels Sound Films Sent Out	18,655	18,799	—144
Number of Sound Subjects Sent Out	10,795	11,099	—304
Total Number of Orders of Films Sent Out (Sound and Silent)	4,237	4,229	+ 8
<i>Number of Times Projection Service</i>			
Supplied	305	339	— 34
<i>Number of Screenings for Groups in Screening Room</i>			
Screening Room	184	146	+ 38

Slides and Filmstrips

Number of Sets 2x2 Slides Sent Out	65	58	+ 7
Individual Filmstrips Sent Out	5,051	4,116	+935

General Statistical Survey

Number of Sets of 2x2 Slides Sent Out.....	65
Individual Filmstrips Sent Out	5,051
Number of Reels of Silent Films Sent Out	376
Number of Reels of Sound Films Sent Out	18,655
Total Number of Orders of Moving Picture Films Sent Out	4,237
Number of Times Projection Service Supplied	305
Number of Screenings for Groups in Screening Room	184



LIFELONG LEARNING
50TH ANNIVERSARY

DEPARTMENT OF EXTENSION

50TH ANNUAL REPORT

on

EXTENSION ACTIVITIES

University of Alberta

Annual Report on Extension Activities

1963

UNIVERSITY OF ALBERTA

For the year ending March 31, 1963

Edmonton, June 11, 1963

ANNUAL REPORT
on
Extension Activities of the University
of Alberta
for the Year ending March 31st
1963

Published by
Department of Extension, University of Alberta
Edmonton, Alberta

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Annual Report on Extension Activities

of the

UNIVERSITY OF ALBERTA

for the year ending March 31, 1963

Edmonton, June 11, 1963

Dr. Walter H. Johns,
President, University of Alberta.

Dear Mr. President:

I have pleasure in presenting the fiftieth annual report of the Extension activities of the University of Alberta.

Conceived by Henry Marshall Tory, the first President of the University, as a means of sharing directly the resources and advantages of the University with the people of the province, the Department of Extension has assumed, as its primary objectives, the dissemination of old and new knowledge, skills, methods and standards to those who are not full-time students but who have assumed an adult role in society. To many adults who have left the University and to many who have never been able to attend the University, the Extension program provides a link with current thought and research as well as with traditional knowledge. This report, which concludes the first half-century of its operation, illustrates the variety of demands made upon the University for continuing education and some of the ways in which they have been met.

All divisions of the University and its whole staff have, in various ways, both directly and indirectly, contributed to the Extension program through the preparation and presentation of talks and lectures, through membership in community organizations, through the preparation of circulars and bulletins, through radio, television and a host of others ways. University staff members have linked the University with the people of the province in such a way as to realize the aim of the University as stated by Tory in its first convocation in 1908:—

"The modern state university has sprung from a demand on the part of the people themselves for intellectual recognition, a recognition which only a century ago was denied them . . . The people demand that knowledge shall not be the concern of scholars alone. The uplifting of the whole people shall be its final goal . . . Mr. Chancellor, I consider that the extension of the activities of the university on such lines as will make its benefits reach directly or indirectly the mass of the people, carrying its ideals of refinement and culture into their homes and its latent spiritual and moral power into their minds and hearts, is a work second to none."

The continuing education of adults, which is the purpose of the Extension program, directs itself towards three central objectives. The first of these is the provision of opportunities for developing those new skills, insights and competences necessary in the changing technology of our time. It invites

adults to enquire into the humanities, the fine arts and the social sciences, thus to acquire the keys to a richer life which studies of the liberal arts give. And finally, in a world where survival depends on the collective competence of citizens to direct their affairs intelligently, continuing education is intended to assist the citizen to gain the skills and understanding necessary for him to take his part in a democratic society.

The pages which follow illustrate the direction of the extension activities of the University as related to these purposes in its sections on Liberal Education, Business, Professional and Vocational Training, Continuing Education in the Fine Arts and Community Organization Programs.

Liberal Education

The study of the liberal arts, whether in or out of the formal classroom situation, is one which offers great rewards to the student in terms of expanding his insights, deepening his sensitivity, sharpening his perception and awareness through short courses, classes and seminars. There has been an expansion of the University Extension program of liberal studies. The adults who attend these are usually motivated by an interest and enthusiasm for the subject. The stimulus provided by the lecturers and the subsequent class discussions does much to reinforce learning and to point out new directions. Some 314 courses were offered at several points in the province during the 1962-63 term.

For the most part, instructors are drawn from the staff of this University and others. Some come from business, industrial and professional groups. Class sizes range from groups of ten to larger conference meetings of two hundred. Methods of presentation used depend on the situation and may include lab demonstrations, workshops and seminars. Table I indicates the range of subjects offered and the emphasis of the program in languages and philosophy. Several new courses in philosophy and religion, a graphics workshop and several new courses in music were included in this term's program.

The course work in the area of public affairs and current events are perhaps especially worth noting. 'Prospect for Peace', a series of eleven lectures on the possibilities of peaceful co-existence as viewed by scientists, sociologists, philosophers, psychologists and economists, was offered on the Edmonton campus. A parallel series in Calgary dealt with Canada's role as a middle power in the 1960's.

Considerable emphasis has been given to developing the use of study-discussion programs, materials for which are prepared at a variety of sources across the country. They include Ways of Mankind, from the Living Library series, Ways to Justice, Basic Issues in World Politics, Discovering Modern Poetry, Looking at Modern Painting, Philosophy in the Mass Age, Great Religions of the World, An Introduction to the Humanities, Shakespeare and His Theatre, Canada in Folk Songs, Canada in World Affairs. These programs, which rely heavily on independent reading by the student, lend themselves to use in centres which do not have easy access to evening class lecturers and special speakers.

For the fourth year, the Department of Extension has offered in conjunction with the Edmonton-Calgary Schools Boards, and in cooperation with the various faculties, a series of enrichment classes and workshops for senior high school students. The purpose of this program is to develop further the interest which promising students have shown in a variety of fields and to introduce them to the studies which they may eventually undertake at the university. This year, the subject areas for the lecture series were expanded to include

Chemistry, Physics, Mathematics, Biology, English, Psychology, Philosophy, Modern Languages and Business Management. Laboratory sessions in such subjects as Gas Chromatography, A Computer Approach to Certain Problems, Crystallography, Vertebrate Paleontology of the Pleistocene Epoch were also offered. The project was staffed by a team of forty-five instructors drawn from the University of Alberta and the Research Council of Alberta. Some three hundred and fifty students from the Edmonton school system were involved. A parallel program was offered in Calgary.

More attention is currently being given to the extension of these kinds of studies in rural areas. Members of the staff are exploring ways and means in which appropriate text material and readings might be provided to students to enable them to pursue independently the kinds of subjects noted in the evening class program. Some experimental work with directed reading courses, correspondence courses and technical facilities such as programmed learning, tapes, records and the like, is being undertaken to determine in what ways they can be used to provide opportunities for continuing education to those citizens of the province not close to the campus.

Business, Professional and Vocational Education

Evidence of the increasing concern of business and professional groups for education beyond the high school and further than university graduation is abundant. The assistance to such groups in the provision of capably organized and competently instructed training programs, in conjunction with them, is a role of special importance to the Department of Extension.

Of the various courses in this area noted in Table I of this report, the largest group comprises those offered in conjunction with the Society of Industrial and Cost Accountants of Alberta. Some 16 courses in Edmonton and 15 in Calgary, including such subjects as Accounting, Managerial Statistics, Organization and Management Report Writing, were offered to an aggregate student body of 1,294 in these cities.

The Management Development Program, initiated in the previous year, in full cooperation with the Faculty of Commerce, enrolled 345 students this year. This program comprises eight subjects and makes heavy demands on the students in preparation of assignments and supplementary reading. A satisfactory standard has been maintained with the program and it would appear to have become firmly established as an important continuing education program in business in the Edmonton and Calgary communities.

The Public Administration Division, which works closely with the Division of Educational Administration of the Faculty of Education and the Department of Political Science, functions to provide what is essentially an in-service training program to municipal secretaries, municipal assessors and school board secretaries. Through a combination of prepared lessons and periodic regional seminars, the student undergoes a four-year training period which emphasizes local government administration, law, accounting and business procedures. The program requires a good deal in the way of preparation by individual students. Some 143 were involved in the program during this term. Responsibility for giving guidance to the program is undertaken by the Department of Municipal Affairs, the Department of Education of the government of the Province of Alberta, the Alberta Association of Municipal Districts, the Alberta Association of Municipal District Secretary-Treasurers, the Union of Alberta Municipalities, the Association of Assessing Officers of Alberta, the Alberta School Trustees' Association and the Alberta School Secretaries' Association.

Other training program areas include Personnel Administration through a three year-long certificate course designed and guided by the Faculty of Commerce and the Edmonton and Calgary Personnel Association, a training program for Registered Nurses in the Care of Premature Infants, offered through the School of Nursing and the University Hospital, and a training program offered in cooperation with the Alberta Real Estate Association, using materials prepared by the University of Toronto. Other shorter training programs in a wide variety of subjects are noted in Table I attached.

Several of these are worthy of special note. A staff training program in the area of Personnel Supervision was developed by the Department, with the assistance of the Department of Psychology and the Faculty of Commerce, for one hundred and fifty field foremen and supervisors of the Alberta Government Telephones. The syllabus included such topics as the following: The Nature of Leadership, Motivation, Communication and Supervision, Induction and Orientation of New Employees, Appraisal and Evaluation of Staff, Methods of Improvement, Staff Meetings and Conferences. A series of eight week-long courses, enrolling about twenty students, was arranged in Edmonton and Calgary with staff drawn from each campus. In association with the Division of Secondary Education of the Faculty of Education, the Department of Extension arranged a Conference on the Canadian High School which directed attention nationally to the challenges, opportunities and problems of secondary education. Consultants were drawn from across Canada, the United States and Britain. Those attending represented a cross-section of senior persons in education from across the continent. At the request of those attending, the material presented and generated at this Conference will subsequently be published. A course of considerable interest, since it is a relatively new field, was that in Group Dynamics and Group Psycho-therapy, arranged by the Department of Extension and held in two week-long sessions in Banff and Lacombe. Its purpose was to develop an understanding and an awareness of the factors influencing group behaviour. The agencies involved included the Department of Psychiatry, the Department of Psychology of the University, the Alberta Psychiatric Association, the Alberta Psychological Association, the Canadian Mental Health Association, the Alcoholism Foundation of Alberta and the Provincial Department of Mental Health. Forty-six students, drawn from a variety of Alberta agencies, were involved in this training at these two points.

Community Organization

An increasing number of requests are directed each year to the Department of Extension by a variety of organizations throughout the province for assistance in planning educational programs and for advice in regard to organizational development. A good deal of staff time is given to voluntary and professional organizations which have asked for assistance in program planning and in training problems within the organization. In-service training programs have been set up with these organizations, ranging from occasional consultative sessions to short courses held over a period of several weeks. Much of this work is described as 'leadership training', a term which accurately suggests that organization members are being prepared to take on more responsibility in their organization and within the communities to which they are related.

Much work has been done in this area with the farm organizations throughout the province. Their organizations are especially concerned with the development of leadership potential and with the education of their members about problems of importance to them.

The forty-fourth annual Farm Young People's Week was held on the campus of the University in Edmonton. This provides an opportunity for a large number of young Albertans to visit the University to receive instruction from faculty members and to gain a better understanding of the role of agriculture today. In addition, two separate residential courses were held at the Banff School of Fine Arts in Leadership Techniques, Rural Leadership and the Western Canadian Farm Leaders' Conference. These courses are for leaders and potential leaders within farm organizations and they offer practice in the mechanics of parliamentary procedure, group discussion, chairmanship, public speaking and report writing. In addition, the Western Canadian Farm Leaders' Conference provides an opportunity for senior farm organization officials to study the Canadian economy and society and the place of their industry in it.

In addition to these longer residential courses, a large number of shorter workshops or seminars were conducted throughout the province with such groups as the Alberta Home and School, Registered Nurses, United Farmers of Alberta Co-operative Association, Chambers of Commerce, Alberta 4-H Clubs, The Foremen's Club and the National Council of Jewish Women.

In collaboration with the Calgary Council of Community Services, the Department of Extension arranged in Calgary a course entitled 'Leadership in Group Development'. This course was held for sixteen Tuesday afternoons, beginning in October, and was designed to provide training and experience for those persons working with groups, whether educational, executive or therapeutic. The class was restricted to a maximum of twenty persons, all of whom were conducting groups of their own throughout the community. More requests are being received for this more specialized intensive kind of training and it is possible that this activity will have to be expanded in the future.

Continuing Education in the Fine Arts

There continues to be a growing interest among adults in pursuing serious study in fine arts subjects. During the past year, a generous increase in the number of students registering for evening painting classes and for classes in speech and music has been noticeable, especially in Edmonton. The fine arts program offered by the University Extension Department operates in two areas: the rural community workshop level and the more specialized and intensive evening classes and workshops offered primarily in urban centres. In both cases the aim is to provide competent instruction and, where possible, to produce leaders who in turn will promote the development of the arts themselves, wherever they may be.

A significant development in the past year in Extension Music was the development of a Record Lending Library. The intention is to provide a record library with strong educational content, thus making available a study of musical and dramatic literature. Many private music teachers and school teachers have taken out yearly memberships in the record library.

The fifth annual "Summer Festival" of concerts, films and lectures was conducted from the first of July to the middle of August, 1962, in Edmonton. Sixteen different events were held, nine of which were concerts or recitals. A major musical program was held each Wednesday, beginning July 4th with a performance of the Walton-Sitwell Facade Suite. These programs attracted students attending the Summer School and also many residents and visitors in Edmonton. Canada Council support given to the Edmonton Symphony Society assisted this series of programs. A Summer School for Strings and Harp was conducted over a two-week period in July, 1962. Numerous

other short courses, lecture-recitals and workshops were held throughout the province including a three-day piano teachers' workshop in Calgary by Dr. Frank Churchley, a series of piano lecture-recitals by Boris Roubakine in Edmonton, a violin lecture-recital by Roman Totenberg of New York and a course in Twentieth Century Music by Miss Violet Archer.

Coaching sessions in Chamber Music were conducted on the Edmonton campus in March under the direction of Mr. Ross Pratt of London, England, and Dr. Peggy Sampson from the University of Manitoba. Sessions were held in the mornings, afternoons and evenings and included most of the promising young instrumentalists in Edmonton this year. The Edmonton Chamber Music Society assisted this project with financial and moral support.

Requests for assistance in Drama were met in a minor way by offering three sections of Voice Production and Speech Arts to nearly a hundred students on the Edmonton campus, and a course in Creative Dramatics in Calgary. Professor Joseph F. Smith contributed to the Drama program by presenting a formal lecture "The Miracle of Language" as part of the evening class fall offering.

The Community Art Class Program continued to serve the same thirty-seven centres in which classes were held a year ago, but a significant increase in student enrolment was noticed this year. Eight hundred and seventeen students, an increase of over a hundred over previous years, registered for the 302 classes conducted. The annual week-long short course for senior students was conducted this year by Mr. William Townsend as a culmination to the Community Art Class Instructional Program. An Art Conference held in the Northern Alberta Jubilee Auditorium at the end of March served as a culmination for the classes conducted in the northern region. An exhibition of paintings from across the province and a panel discussion were featured. A similar conference for Southern Alberta will be held in the spring.

The extension classes offered on the Edmonton campus in drawing and painting, under the direction of Mr. D. D. Barry, have grown considerably in scope. Spring, summer and winter classes ranging in length from two weeks to six months covered a variety of topics in the field of Art. The basic instructional program is the course schedule followed by students working toward the certificate in Painting which is now being made available to those students who complete a prescribed amount of work successfully. The response to five northern short courses has been very gratifying this year and Yellowknife and Dawson City artists are among the most avid enthusiasts connected with the Community Art classes.

Visual Instruction

During the year 1962-63, the Visual Instruction Division has further stabilized its services in the following four distinct areas: The audio-visual materials and equipment library, the audio-visual materials preparation laboratory, information dissemination in programming service; instruction and consultation in audio-visual communication.

In the audio-visual materials and equipment library service, the significant new development was the record-lending service which circulated over 2,500 recordings to 142 members during its first year of operation. The number of 16 millimeter film subjects increased in circulation 19% over last year and the increase in film-strip circulation over last year was 11.5%. This increase in circulation is attributed largely to the new film and film-strip catalogues and a systematizing of the information and promotion service.

Intramural use of the film library increased approximately 100% over last year and the increase in equipment orders from the faculty and staff increased at a similar rate.

The division added 174 new titles to its film library this year, bringing the total of this valuable University resource to 3,677 films. The Visual Instruction Graphic Services went into operation in August of 1962, providing a new facility for the campus instructional staff. Primarily conceived as a service for the preparation of visual and instructional materials at the local level, it also services varied graphic art needs of the Department of Extension and of the University departments. It also provides a laboratory area for instruction in audio-visual communication.

Significant developments this year in the area of audio-visual instruction have been the pilot courses in "The Preparation of Visual Instructional Materials" an evening non-credit course, and "Using Audio-Visual Media in Instructional and Training Programs", an Extension short course offered both in Edmonton and Calgary. Instructional time by the supervisor during the year has totalled approximately 150 hours—both intramurally and extramurally, and that by the assistant supervisor over 70 hours.

Another significant development during the year was this Department's coordinating of a province-wide film conference called "Alberta Film Conference 1963" held in Red Deer on April 4 and 5. This Conference brought together the major film resource people in the province of Alberta to discuss the status of the 16 millimeter film in Alberta and possible future directions in distribution and utilization.

The Department of Extension wishes to record its gratitude also to the Edmonton Film Society for its generous grant to the Visual Instruction Division to initiate a film classics library here at the University. Part of the grant was used to purchase "Nanook of the North", during the year 1962-63.

Agricultural Extension

Publications prepared by members of the Faculty of Agriculture and edited and printed by this office included: 1962 Annual Feeders' Day Report; Grey Wooded Soils and Their Management; completion of Edmonton Soil Survey; reprint of Immersion Cleaning; reprint of Laying House Plans; Alberta Trees, Shrubs and Flowers; Entomology leaflets and the Agricultural Bulletin.

Publications prepared by this office include selective lists of horticultural publications, Delegates' Reports, the Committee Reports, and Reporting.

In addition, the selected list of "Recent Agricultural Publications" continues to be prepared and distributed through this office each month. Some 500 persons throughout the province receive this mailing. During the past year a publication entitled "Who's Who in Alberta Agriculture" was also prepared and distributed. In conjunction with the Alberta Institute of Agrologists and the Alberta Department of Agriculture, this publication will be an annual production. The proceedings of the "First Annual Feed Industry Conference" were edited, printed and distributed. This too will be an annual publication in conjunction with the Alberta Division of the Canadian Feed Manufacturers' Association and distributed by the Department of Extension.

A distribution of literature continues to be a major function of Agricultural Extension. Distribution is primarily carried out by direct mailing lists, in reply to letters and phone calls and through personal visits. Last year some 46,000 bulletins, pamphlets and leaflets were distributed throughout the province.

To assist in informing people about the availability of literature, this office continues to issue periodic news releases to the mass media.

A good deal of the work is carried out through evening classes, short courses and conferences held throughout the province. Five one-day "Farm Finance Conferences" were held this year in Taber, Calgary, Red Deer, Edmonton and Grande Prairie. The Department again assisted in holding the "Second Annual Feed Industry Conference" in Calgary. Assistance was also given in planning and carrying out the first "Farm Labor Conference" to be held in Western Canada. Evening classes included Home Gardening in Edmonton, Calgary and Lethbridge and Fundamentals of Soils in Lethbridge.

Correspondence study is increasing in popularity and this is reflected in the registration of fifty persons in the course "Fundamentals of Farm Bookkeeping". Other non-credit correspondence courses are under preparation in Agricultural Extension.

Professional liaison is maintained with the followings committees: University Agricultural Publications Committee, Alberta Horticultural Advisory Committee, Alberta Horticultural Publications Committee and Alberta Soil Survey Advisory Committee.

Extension Library

The use of books from the open shelf service of the Extension Library—parcels of up to eight books sent by mail—has risen steadily over the past few years, reaching a total of 141,900 in 1962-63 compared with 63,972 in 1952-53.

More and more use of the reference and advisory services offered by the Library is being made. Although requests for recreation reading remains heavy, an increasing number of borrowers asked for information on a wide variety of subjects—piano tuning, cake decorating, soil conservation, psychology of learning, Communist China, Canada's Role in NATO, Twentieth Century Literature. Many of these requests could not be met without access to the facilities of the University Library and the Edmonton Public Library, and the co-operation of their staffs is invaluable.

Although the library does not give direct service to the Parkland area and the larger towns, any book in the collection is available to any resident of Alberta through intra-library loan. Small libraries forward inquiries that they are unable to answer to the Extension Library.

In addition to inter-library loan, travelling libraries—boxes of forty books on three month loan—are available to supplement the collection of small libraries and to serve adult study groups throughout the province. Eighty-six of these boxes were sent out during the year and it is estimated that 5,555 books were read.

Book displays accompanied by short talks on the library services were arranged during Varsity Guest Weekend, Farm Young People's Week, Canadian Library Week, the Library Custodians' Course and Farm Women's Week.

The Library serves students registered in the non-credit evening class program in Edmonton. For most courses, reading lists were prepared and distributed and, on an experimental basis, the Library was open four evenings a week in addition to the provision of the usual service by mail.

Staff

It is a pleasure here to record the cheerful and dedicated service given by all members of the staff of the Department of Extension. Faculty members on both campuses have contributed generously of their time and skill, both in

the organized program and in a host of other ways. To the many organizations which have participated in the University's Extension program, and to the many individuals from business and professional groups who have made a contribution, we should like to offer our grateful thanks.

During the year, Mr. G. T. Potter left the staff of the University to take up an appointment in the United States and Miss Esther Nelson, Extension Drama Specialist, resigned in order to continue her studies. Mr. Joseph E. Mulloy, B.A., B.Com., C.A., joined the staff of the Public Administration Training Division. Mrs. Lois Sorokin and Mrs. Ruth Hood joined the staff of the Extension Library.

New Directions

Since its inception, the University of Alberta has attempted to make itself an integral part of the community which created it. To fulfill its potentialities in the future, it must continue to respond to the needs of the society surrounding it. By definition, the University has a responsibility for preparing young people for leadership in today's society, for effective participation in its affairs and for professional competence. When that education previously acquired becomes no longer adequate or relevant, or indeed, becomes obsolete, the University must make it possible for adults to continue their education. The prestige, the resources, the subject matter, competence and the teaching skills are to be found within the University. To fulfill its role in society, the University must continue to make available these resources to the widening community which it serves.

Respectfully submitted,

Duncan Campbell,
Director.

Table I

Sponsor	Location	Period	Hours	Attendance
A. LIBERAL EDUCATION				
1. Conversational French	Edmonton	Oct. 2-Feb. 26	30	23
2. Conversational French	"	Oct. 3-Feb. 27	30	20
3. Oral French, Section A	"	Oct. 2-Feb. 26	30	18
4. Oral French, Section B	"	Oct. 4-Feb. 28	30	22
5. Oral French (Intermediate)	"	Oct. 3-Feb. 27	30	17
6. Advanced Conversational French	"	Oct. 4-Feb. 28	30	22
7. Spanish for Beginners	"	Oct. 4-Feb. 28	30	26
8. Spanish for Advanced Beginners	"	Oct. 2-Feb. 26	30	16
9. Spanish—Advanced	"	Oct. 2-Feb. 26	30	16
10. Italian for Beginners	"	Oct. 2-Feb. 26	30	37
11. Conversational German	"	Oct. 2-Feb. 26	30	13
12. Intermediate German	"	Oct. 3-Feb. 27	30	12
13. Advanced German	"	Sept. 25-Mar. 19	36	18
14. Russian for Beginners	"	Oct. 2-Mar. 26	36	29
15. Ukrainian for Beginners	"	Oct. 3-Mar. 27	36	15
16. Ukrainian Literature	"	Oct. 1-Mar. 4	40	20
17. English Conversation & Pronunciation, Sec. A.	"	Oct. 10-Mar. 6	40	19
18. English Conversation & Pronunciation, Sec. B.	"	Oct. 1-Dec. 10	12	21
19. Helping the Speech Handicapped Child	"	Sept. 25-Dec. 12	24	20
20. Personality Dynamics	"	Oct. 4-Dec. 6	20	21
21. Ways of Mankind	"	Oct. 9-Dec. 11	15	24
22. An Introduction to the World's Great Religions	"	Sept. 25-Dec. 11	24	34
23. The Mortal Man	"	Oct. 15-Dec. 3	16	17
24. Communism	"	Oct. 11-Dec. 13	20	11
25. Issues in Canadian Politics	"	Oct. 4-Dec. 6	15	54
26. Prospects for Peace	"	Oct. 1-Mar. 4	40	11
27. The Writer and the Contemporary Traditions	"	Jan. 9-Mar. 27	18	14
28. Linguistics: The Study of Language	"	Jan. 16-Mar. 20	15	34
29. Wild Life in Alberta	"	Feb. 5-Apr. 9	30	16
30. Death and Destiny	"	Jan. 14-Mar. 18	24	43
31. An Introduction to the Study of Human Behaviour	"	Jan. 21-Mar. 25	20	10
32. Soviet Union: Ideology, Government & Politics	"	Feb. 5-Mar. 5	8	35
33. Chemistry	"	Feb. 6-Mar. 6	10	34
34. Physics	"	Feb. 5-Mar. 5	8	34
35. Mathematics	"	Feb. 4-Mar. 4	8	35
36. Biology	"	Feb. 8-Mar. 8	8	35
37. English	"			

E.P.S.B., E.S.S.B., W. J.P. S.D. No. 4679, St.
Albert S.D. No. 3

38. Psychology	"	"	"	Feb.	6-Mar.	6	8	35
39. Philosophy	"	"	"	Feb.	6-Mar.	6	8	35
40. Modern Languages	"	"	"	Feb.	4-Mar.	5	8	32
41. Business Management	"	"	"	Feb.	5-Mar.	5	8	26
42. Vertebrate Paleontology of the Pleistocene Epoch	"	"	"	Feb.	5-Mar.	5	10	5
43. Microfauna of Big Lake	"	"	"	Feb.	7-Mar.	7	10	5
44. Gas Chromatography	"	"	"	Feb.	5-Mar.	5	10	5
45. The Origin of Crude Oil	"	"	"	Feb.	7-Mar.	7	10	5
46. Titrimetric Methods for Sulphur Analysis	"	"	"	Feb.	4-Mar.	4	10	5
47. A Computer Approach to Certain Problems	"	"	"	Feb.	5-Mar.	5	10	5
48. Synthesis of Organic Materials Needed for Research	"	"	"	Feb.	5-Mar.	5	10	5
49. Groundwater Hydrology Workshop	"	"	"	Feb.	6-Mar.	6	10	6
50. Crystallography	"	"	"	Feb.	4-Mar.	4	10	5
51. Fluidization Techniques in Inorganic Processing	"	"	"	Feb.	5-Mar.	5	10	5
52. Great Books Institute	"	"	"	May	11-May	13	25	
53. Computer Course for High School Students	Dept. of Extension, Computing Centre, Public and Separate School Boards	Banff Calgary		Sept.	15-Nov.	15	26	
54. Women, Men and Law	"	"		Oct.	9-Nov.	27	12	27
55. Human Relations	"	"		Oct.	2-Dec.	4	15	15
56. Role of Women	"	"		Oct.	2-Dec.	4	15	15
57. Introduction to Applied Psychology	"	"		Oct.	2-Dec.	4	15	47
58. Communication Arts	"	"		Oct.	11-Dec.	13	15	20
59. Introduction to Geology	"	"		Oct.	3-Dec.	19	18	12
60. Conversational French	"	"		Oct.	2-Feb.	26	30	26
61. Conversational French (Continuation)	"	"		Oct.	2-Feb.	26	30	25
62. Conversational French (Continuation)	"	"		Oct.	3-Feb.	27	30	20
63. French Language Workshop	"	"		Oct.	15-Mar.	11	30	13
64. Conversational Spanish (Elementary)	"	"		Oct.	2-Feb.	26	30	31
65. Italian for Beginners	"	"		Oct.	2-Feb.	26	30	18
66. Introduction to German (Elementary)	"	"		Oct.	2-Dec.	18	22	26
67. Introduction to German (Advanced)	"	"		Oct.	8-Mar.	4	30	10
68. Conversational Italian	"	"		Oct.	10-Mar.	6	30	20
69. Creative Writing	"	"		Jan.	15-Apr.	2	18	13
70. Introduction to Applied Psychology	"	"		Jan.	17-Mar.	21	20	17
71. Communication Arts	"	"		Jan.	8-Mar.	12	15	15
72. International Affairs: The Critical Issues	"	"		Jan.	24-Mar.	28	15	21
73. Astronomy	"	"		Jan.	22-Mar.	26	20	25
	"	"		Oct.	9-Dec.	11	15	17
B. BUSINESS, PROFESSIONAL AND VOCATIONAL EDUCATION								
1. Calculus		Edmonton		Oct.	2-Mar.	26	48	40
2. Electricity and Magnetism		"		Oct.	3-Mar.	27	48	26
3. Prospecting	C.I.M.M. (N. Alta. Br.) Northwest Chamber of Mines	"		Oct.	22-Dec.	6	28	40
4. Essentials of Good English Sec. A.		"		Oct.	1-Dec.	10	15	31

Table I—Continued

Sponsor	Location	Period	Hours	Attendance
5. Essentials of Good English, Sec. B.	Edmonton	Jan. 21-Mar. 25	15	41
6. Law in Action	"	Sept. 25-Dec. 11	18	46
7. Income Tax Procedures in Business	"	Jan. 15-Mar. 5	12	35
8. Managing the Small Business	"	Oct. 3-Dec. 19	18	52
9. Human Factors in Management & Supervision	"	Oct. 2-Dec. 11	22	50
10. Fund. of Elec. Computer Program-ming, Sec. A	"	Sept. 18-Dec. 18	28	21
11. ming, Sec. B	"	Sept. 19-Dec. 19	28	18
12. ming, Sec. C	"	Sept. 20-Dec. 20	28	19
13. ming, Sec. D	"	Jan. 8-Apr. 9	28	18
14. ming, Sec. E	"	Jan. 9-Apr. 10	28	18
15. ming, Sec. F	"	Jan. 15-Apr. 16	28	22
16. Scientific & Engineering Comp. Application	"	Jan. 7-Mar. 25	31	20
17. Semi-Conductors & Transistors	"	Sept. 25-Dec. 11	24	38
18. Commercial Computer Applications	"	Jan. 9-Mar. 27	31	10
19. Commercial Computer Applications	"	May 2	31	9
20. Intro. to Compiler Language	"	May 7-July 9	15	16
21. Computer Programming	"	Oct. 9-Dec. 11	20	18
22. Petroleum Geology	"	Oct. 18-Mar. 21	60	14
23. Tailoring	"	Jan. 23-Mar. 7	28	12
24. Interpreting of Geological Maps	"	Jan. 24-Mar. 11	28	16
25. Prospecting—Series I	"	Feb. 4, 5, 6	16	28
26. Using Audio-Visual Media	"	Oct. 16-Apr. 23	50	37
27. Management Accounting and Financial Controls, Sec. I	"	Oct. 16-Apr. 23	50	38
28. Management Accounting and Financial Controls, Sec. II	Calgary	Oct. 16-Apr. 23	50	37
29. Controls	Edmonton	Oct. 15-Apr. 23	50	43
30. Canadian Economic Development	Calgary	Oct. 15-Apr. 23	50	37
31. Business Finance, Section I	Edmonton	Oct. 17-Apr. 24	50	19
32. Business Finance, Section II	"	Oct. 17-Apr. 24	50	19
33. Business Finance	Calgary	Oct. 17-Apr. 24	50	25
34. Business Organization & Administration, Sec. I	Edmonton	Oct. 15-Apr. 22	50	37
35. Business Organization & Administration, Sec. II	"	Oct. 15-Apr. 22	50	37
36. Business Organization & Administration	Calgary	Oct. 15-Apr. 22	50	37

Table I—Continued

	Sponsor	Location	Period	Hours	Attendance
82.	"	"	"	40	33
83.	"	"	"	40	48
84.	"	Edmonton	"	40	34
85.	"	"	"	40	31
86.	"	"	"	40	25
87.	"	"	"	40	37
88.	"	Calgary	Oct.-Mar.	40	41
89.	"	"	"	40	26
90.	"	"	"	40	44
91.	"	"	"	40	42
92.	"	Edmonton	"	40	42
93.	"	"	"	40	31
94.	"	"	"	40	36
95.	"	"	"	40	38
96.	Accounting II	Calgary	"	40	66
97.	"	Edmonton	"	40	44
98.	"	"	"	40	42
99.	Fundamentals of Cost Accounting	Calgary	"	40	33
100.	Fundamentals of Cost Accounting	Edmonton	"	40	31
101.	Fundamentals of Cost Accounting	"	"	40	42
102.	Fundamentals of Cost Accounting	"	"	40	43
103.	Accounting III	Calgary	"	20	35
104.	Accounting III	Edmonton	"	20	37
105.	Advanced Cost Accounting	Calgary	"	40	36
106.	Advanced Cost Accounting	Edmonton	"	40	46
107.	Industrial Organ. & Ind. Management	Calgary	"	40	23
108.	Industrial Organ. & Ind. Management	Edmonton	"	40	27
109.	Report Writing	Calgary	"	20	27
110.	Report Writing	Edmonton	"	20	29
111.	Managerial Statistics	Edmonton	Jan.-Mar.	12	43
112.	Managerial Statistics	Calgary	"	12	41
113.	Accounting IV	Calgary	"	12	41
114.	Accounting IV	Edmonton	"	12	41
115.	Municipal Assessment	Red Deer	Oct. 1-Apr. 30	25	16
116.	"	Edmonton	"	25	44
117.	"	Lethbridge	"	25	7
118.	"	Calgary	"	25	23
119.	"	Fairview	"	25	11
120.	"	Medicine Hat	"	10	4
121.	Municipal Administration	Fairview	"	25	4

122.	"	School Business Administration	Dep't. of Educ., Fac. of Educ., Alta. School Trustees' Ass'n., Alta. School Sec. Ass'n.	Lethbridge	"	8
123.	"	"	"	Edmonton	"	25
124.	"	"	"	Calgary	"	25
125.	"	"	"	Vermilion	"	25
126.	"	"	"	Medicine Hat	"	7
127.	"	"	"	Red Deer	"	10
128.	"	"	"	Calgary	"	3
129.	"	"	"	"	"	20
130.	"	"	"	Lethbridge	"	10
131.	"	"	"	Red Deer	"	2
132.	"	"	"	Edmonton	"	3
133.	"	"	"	Vermilion	"	10
134.	"	"	"	Edmonton	"	25
135.	"	"	"	Vermilion	"	8
136.	"	"	"	Edmonton	"	10
137.	"	"	"	Edmonton	"	1
138.	"	"	"	Red Deer	"	25
139.	"	"	"	Calgary	"	25
140.	"	"	"	Lethbridge	"	3
141.	"	"	"	Vermilion	"	25
142.	"	"	"	Calgary	"	4
143.	"	"	"	"	"	25
144.	"	"	"	"	"	2
145.	"	"	"	"	"	59
146.	"	"	"	"	"	12
147.	"	"	"	"	"	23
148.	"	"	"	"	"	15
149.	"	"	"	"	"	24
150.	"	"	"	"	"	25
151.	"	"	"	"	"	15
152.	"	"	"	"	"	16
153.	"	"	"	"	"	24
154.	"	"	"	"	"	25
155.	"	"	"	"	"	24
156.	"	"	"	"	"	31
157.	"	"	"	"	"	22
158.	"	"	"	"	"	9
159.	"	"	"	"	"	14
160.	"	"	"	"	"	14
161.	"	"	"	"	"	23
162.	"	"	"	"	"	12
163.	"	"	"	"	"	33
164.	"	"	"	"	"	20
165.	"	"	"	"	"	17
166.	"	"	"	"	"	16
167.	"	"	"	"	"	19
168.	"	"	"	"	"	106
169.	"	"	"	"	"	18
170.	"	"	"	"	"	31
171.	"	"	"	"	"	24
172.	"	"	"	"	"	15
173.	"	"	"	"	"	33
174.	"	"	"	"	"	15
175.	"	"	"	"	"	30
176.	"	"	"	"	"	24
177.	"	"	"	"	"	25
178.	"	"	"	"	"	15
179.	"	"	"	"	"	16
180.	"	"	"	"	"	24
181.	"	"	"	"	"	24
182.	"	"	"	"	"	31
183.	"	"	"	"	"	31
184.	"	"	"	"	"	22
185.	"	"	"	"	"	22
186.	"	"	"	"	"	9
187.	"	"	"	"	"	14
188.	"	"	"	"	"	23
189.	"	"	"	"	"	12
190.	"	"	"	"	"	33
191.	"	"	"	"	"	20
192.	"	"	"	"	"	17
193.	"	"	"	"	"	20
194.	"	"	"	"	"	13
195.	"	"	"	"	"	16
196.	"	"	"	"	"	19
197.	"	"	"	"	"	106
198.	"	"	"	"	"	18
199.	"	"	"	"	"	31
200.	"	"	"	"	"	24
201.	"	"	"	"	"	22
202.	"	"	"	"	"	9
203.	"	"	"	"	"	14
204.	"	"	"	"	"	23
205.	"	"	"	"	"	12
206.	"	"	"	"	"	33
207.	"	"	"	"	"	20
208.	"	"	"	"	"	17
209.	"	"	"	"	"	16
210.	"	"	"	"	"	19
211.	"	"	"	"	"	106
212.	"	"	"	"	"	18
213.	"	"	"	"	"	31
214.	"	"	"	"	"	24
215.	"	"	"	"	"	15
216.	"	"	"	"	"	33
217.	"	"	"	"	"	15
218.	"	"	"	"	"	30
219.	"	"	"	"	"	24
220.	"	"	"	"	"	25
221.	"	"	"	"	"	15
222.	"	"	"	"	"	16
223.	"	"	"	"	"	24
224.	"	"	"	"	"	31
225.	"	"	"	"	"	31
226.	"	"	"	"	"	24
227.	"	"	"	"	"	22
228.	"	"	"	"	"	9
229.	"	"	"	"	"	14
230.	"	"	"	"	"	23
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Table I—Continued

C. COMMUNITY ORGANIZATION		Sponsor	Location	Period	Hours	Attendance
1.	Group Process Institute I	Dep't. of Psychiatry, Psychology; Alta. Psychiatric Assn.; Alta. Psychological Assn.; Canadian Mental Health Assn.; Alcoholism Fnd. of Alta.; Dept. of Public Health	Banff	Sept. 15-21	...	26
2.	Group Processes Institute II	AWP; UGG; UFA Co-op.; ACWA; FUWA Jr.; FUA; Fac. of Ag.	Ponoka	Sept. 23-29	...	20
3.	Group Leadership		Calgary	Oct. 9-Feb.	12	13
4.	Farm Young People's Week		Edmonton	June 12-21	70	123
5.	Discussion Techniques		"	Nov. 2	...	9
6.	Leadership Techniques		Banff	Apr. 30-May	4	30
7.	Western Canadian Farm Leaders' Conference		"	Mar. 25-29	...	16
8.	Conference on Can. High School	Faculty of Education	"	Mar. 24-27	16	106
9.	Leadership Techniques	AWP, FUA UFA Co-op. Ltd., Alta. Dept. of Ag., Can. Dept. of Citizenship and Immigration, UGG, FWUA, FU Co-op. Development Assn., Fed. Co-op. Ltd.	"	Oct. 21-Nov.	3	22
10.	6th Annual Rural Leadership Conf.	Dept. of Ext. Calgary, Calgary Council of Community Services	"	Feb. 25-Mar.	8	73
11.	Leadership in Group Development		Calgary	Oct. 9-Dec. 11	...	...
D. CONTINUING EDUCATION IN THE FINE ARTS						
1.	What to Listen for in Music	Athabasca Art Club Banff Community Art Class Carstairs Art Class Castor Community Art Class Cluny Art Class Cochrane Art Club Drayton Valley Art Club Drumheller Art Club	Edmonton	Oct. 9-Dec. 11	18	29
2.	What to Listen for in Music		"	Jan. 15-Mar. 19	18	36
3.	Training a Choir		"	Oct. 15-Dec. 17	15	44
4.	Meet Modern Music		"	Jan. 23-Mar. 13	12	33
5.	Summer School for Strings		"	July 23-Aug. 4	60	21
6.	Piano Teachers' Workshop		Calgary	Sept. 11, 12, 13	15	32
7.	Trochu Choral Workshop		Trochu	Jan. 14-Mar. 18	20	66
8.	Chamber Music Coaching Sessions		Edmonton	Mar. 11, 12, 13, 14	20	32
9.	Voice Production and Speech Arts		"	Oct. 11-Dec. 13	18	33
10.	Voice Production and Speech Arts		"	Jan. 22-Mar. 26	18	32
11.	Voice Production and Speech Arts		"	Jan. 31-Mar. 28	18	30
12.	Creative Drama, for Home, School, etc.	Athabasca Art Club Banff Community Art Class Carstairs Art Class Castor Community Art Class Cluny Art Class Cochrane Art Club Drayton Valley Art Club Drumheller Art Club	Calgary	Jan. 15-Mar. 5	16	24
13.	Athabasca		Athabasca	Oct. 11-Mar. 14	18	17
14.	Banff		Banff	Oct. 3-Apr. 3	21	44
15.	Barrhead		Barrhead	Oct. 22-Apr. 22	14	13
16.	Camrose		Camrose	Oct. 20-Apr. 13	30	26
17.	Carstairs		Carstairs	Oct. 8-Apr. 8	14	24
18.	Castor		Castor	Oct. 15-	21	16
19.	Cluny		Cluny	Oct. 6-Mar. 8	24	24
20.	Cochrane		Cochrane	Oct. 2-Mar. 19	24	20
21.	Drayton Valley		Drayton Valley	Oct. 4-Apr. 4	14	13
22.	Drumheller		Drumheller	May 13-May 15	10	6

Table I—Continued

	Sponsor	Location	Period	Hours	Attendance
72. Yellowknife		"	May 11-13	12	32
73. Yellowknife		"	June 15-17	12	32
74. Dawson City, Yukon		Dawson City	July 5-Aug.	100	15
75. Yellowknife		Yellowknife	Sept. 7-9	12	23
					<u>8,478</u>

Recapitulation of Table I

	No. of Courses	Attendance
A. Liberal Education	73	1,513
B. Business, Professional and Vocational Education	156	4,872
C. Community Organization	10	386
D. Continuing Education in the Fine Arts	75	1,707
Total	<u>314</u>	<u>8,478</u>

Table II—Statistical Information, Extension Library

<i>Circulation of Books</i>			
<i>Open Shelf</i>			
	1961-62	1962-63	Difference
Adult books (including periodicals and sets of pamphlets)	89,376	92,726	3,350
Children's books	46,281	49,174	2,893
	135,657	141,900	6,243
<i>Travelling Libraries</i>			
No. of Travelling Libraries:			
	1961-62	1962-63	
Adult	52	56	
Mixed	13	25	
Children's	3	5	
	68	86	
Circulation	3,773	5,555	1,782
Banff School of Fine Arts	581	494	—87
Total Circulation	140,011	147,949	7,938
<i>Memberships</i>			
April 1, 1962 to March 31, 1963	2,226		
<i>Collection</i>			
No. of books at April 1, 1962	51,557		
Accessions during the year	3,198		
Withdrawals during the year	692		
	2,506		
No. of books at March 31, 1963	54,063		

Table III—Statistical Information, Division of Visual Instruction

Number of Motion Picture Films in Library:	
8 mm.	151
16 mm.	3,526
Total Motion Picture Films in Library	3,677
Total Motion Picture Films added to Library in 1962-63	174
Number of Filmstrips in Library	3,114
Number of Slide Sets in Library	179
Number of Records in Library (titles)	452
Number of Tapes in Library	20
Number of Pieces of Audio-Visual Equipment Available for Loan or Rental	72

Audio-Visual Materials Circulation

	1962-63		1961-62	
	Intra-Mural	Extra-Mural	Total	Total
Number of 8 mm Motion Picture Subjects Circulated	38	279	317	376
Number of 16 mm. Motion Picture Subjects Circulated	1,076	10,563	11,639	10,795
Total no. reels of 16 mm. Motion Picture Films Circulated	2,397	18,232	20,629	18,655
No. of Filmstrips Circulated	337	5,301	5,638	5,051
No. of Slide Sets Circulated	1	30	31	65
Number of Records Circulated .....	.....	2,815	2,815	.....
No. of Record Lending Service Memberships .....	.....	142	142	.....
No. of Tapes Circulated	0	0	0	0
No. of Times Audio-visual Equipment Supplied	593	651	1,244	.....
Total No. of Days Equipment Used	1,355	1,350	2,705	.....
No. Times Projection Service Supplied ...	190	74	264	305
No. Times Screening Room Facilities Used	165	141	306	184
No. of Orders Processed — Total Library			10,057	.....



51ST ANNUAL REPORT

on

EXTENSION ACTIVITIES

University of Alberta

Annual Report on Extension Activities

UNIVERSITY OF ALBERTA

for the year ending June 30, 1964

Edmonton, August 5, 1964

ANNUAL REPORT

on

**Extension Activities of the University
of Alberta**

**for the Year ending March 31st
1964**

Published by

**Department of Extension, University of Alberta
Edmonton, Alberta**

EXTENSION ADVISORY COUNCIL

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Annual Report on Extension Activities

of the

UNIVERSITY OF ALBERTA

for the year ending June 30, 1964

Edmonton, August 5, 1964

Dr. Walter H. Johns,
President, University of Alberta.

Dear Mr. President:

I am pleased to present the fifty-first annual report of the Extension Activities of the University of Alberta.

In fulfilling its "general function of contributing to the educational and cultural advancement of the people of the province at large," the Department of Extension performs its role essentially in a collaborative-cooperative capacity. These collaborative activities are directed toward arranging opportunities for adults to continue their learning. More people want the advantages of higher learning and by facilitating such opportunities the Department of Extension helps the University fulfill adequately its educational mission to society. The rapidly changing conditions of the world around us stress the urgency of translating new knowledge into learning and new theory into practice.

The methods by which old and new knowledge and skills may be disseminated to the adult population are the chief concern of the University's Department of Extension. In consultation with our colleagues on the campus we seek to find ways in which the various Faculties and Departments can make their resources available to those not attending university. Through conferences, short courses, workshops and evening classes, the academic presents his material and his ideas to the practitioner and in this way develops an association which is mutually beneficial.

The communication between the university and the society it serves is often initiated by society as it responds to a need for more learning. Our collaboration with professional associations, industrial and business groups, agricultural interests and voluntary organizations develops rapidly in importance as they turn to the University to assist them in developing their own educational programs. In every instance the Department of Extension brings such groups into contact with the appropriate Faculty or Department so that together a suitable course or conference can be arranged. The principle that the university should go to the people is a sound one; but provision must also be made for the people to come to the university—to come with their concerns, their requests, their suggestions. The Department of Extension provides this link.

Though a large part of the Extension program is designed to teach technical and professional skills, the vast changes in our society are stimulating a strong

interest in the humanities and in the fine arts, through which studies people seek to find and to express themselves. Classes have never been so popular in philosophy, psychology, sociology, religion, painting and music. This traditional role of the university in keeping before society the best that has been thought and done in the world, is especially important in times of change and adjustment. Through a program of public affairs in which critical issues are explored and discussed and through studies in community development, citizens are prepared to take a fuller responsibility in influencing the events around them.

Since the need for continuing education is apparent in every segment of our society and since the university cannot possibly meet all of these needs, part of our responsibility is in encouraging and supporting the development of adult education by other agencies. It is gratifying to see the programs being developed by the Northern and Southern Alberta Institutes of Technology, by the Edmonton and Calgary School Boards and by the Junior Colleges. Efforts are being made to co-ordinate these programs so that the offerings will be balanced and comprehensive and related to the interests of the community.

The following report describes the activities of our staff members in keeping with the objectives just outlined.

Liberal Education

The wide variety of subjects offered in the evening class program in Edmonton and Calgary afford the adult an opportunity to gain an understanding of the field of his choice. Intensive and practical language classes, introductory and survey courses in philosophy, history, psychology, sociology and religion are standard offerings to which are added new subjects and new methods of presentation each year. An especially demanding course in Oral French was introduced with great success this year. Emphasis is on the spoken word and the students are required to attend two 2-hour sessions per week for a total of 130 hours of instruction. Classes were kept small, homework was assigned, and the response and learning were remarkable. This program is being expanded this year to accommodate both beginners and advanced students. New courses in philosophy have been added and the variety of subjects available in the social sciences has been increased.

In both Edmonton and Calgary the Department of Extension arranged conferences on behalf of the Royal Commission on Bilingualism and Biculturalism. The purpose of these conferences was to acquaint the public with the Commission's task and to hear preliminary statements by individuals and groups interested in the question. Public lectures and panels on "Quebec—Revolution or Renaissance" were arranged and, like the conferences, were well attended. A special course explaining the British North America Act was held in Edmonton for people from the various news media. In Calgary, in co-operation with the Canadian Institute of International Affairs, a series of lectures was held on critical issues around the world.

Many individuals prefer to pursue a subject in an atmosphere less formal than that provided by a classroom or a conference. The study-discussion program, known as the Living Library series, is especially suited to them since they cover a variety of interesting subjects and employ the group discussion method. The subjects, which require considerable independent reading by the students, include: The Ways of Mankind, The Ways of Justice, Basic Issues

in World Politics, Discovering Modern Poetry, Looking at Modern Painting, Philosophy in the Mass Age, Great Religions of the World, An Introduction to the Humanities, Shakespeare and His Theatre, Canada in Folk Songs, Canada in World Affairs.

A series of lectures entitled "Forefronts of Science" was arranged to describe some of the recent significant advances in the following fields: botany, computing science, zoology, pharmacology, physics, chemistry, entomology, mathematics, physiology, micro-biology, genetics and psychology.

As a service to the many people in Edmonton and Calgary who are taking part in Great Books discussions, the Department of Extension arranged the third annual Great Books Institute at the Banff School of Fine Arts. The three days were spent in considering improved discussion methods and techniques.

For the fifth year the Department of Extension offered a high school enrichment program designed to develop further the interest which promising students have shown in various subject fields. The subjects this year were determined by a committee comprised of representatives of the various school systems in Edmonton, high school teachers, the Chamber of Commerce, the Faculties of Arts and Science, the Research Council of Alberta, the Northern Alberta Institute of Technology and the Department of Extension.

The program includes a lecture series on the following subjects: chemistry, physics, mathematics, biology, English, psychology, history, political economy, modern languages and business management; a workshop series arranged with the Research Council of Alberta in subjects as: Fossil Faunas of Alberta Ponds and Lakes, Structure of the Rocky Mountains, Functional Group Analysis by Gas Chromatography, Capsule Pipelines; a series of laboratory demonstrations, in association with the Northern Alberta Institute of Technology, on such subjects as: diesel mechanics, electronics, medical technology, automation. Four hundred and fifty students were involved in the program, which required a staff of forty-five instructors.

Business, Professional and Technical Education

Those engaged in business and the professions and the various vocations appear to feel most urgently the need for continuing education in the form of refresher courses and retraining. This is reflected in the growing number and variety of courses offered in this field.

The largest single group, numbering twelve hundred students, is enrolled in the training program established in conjunction with the Society of Industrial and Cost Accountants of Alberta. Over forty courses are offered in Edmonton and Calgary in such subjects as accounting, industrial legislation, report writing, managerial statistics and economics.

The Management Development Program, now in its third year, offers seven courses in both Calgary and Edmonton. Some of the subjects covered are: managerial accounting, Canadian economic development, business organization and administration, business finance, personnel administration, commercial law, marketing and production management. Four hundred students were enrolled in the program and this year Certificates will be presented to the first group of students who have obtained the required standing in six courses.

The Public Administration Training Division which works in close co-operation with the Department of Political Science at the University and with the

Provincial Department of Municipal Affairs, the Alberta Association of Municipal Districts, the Alberta Association of Municipal District Secretary-Treasurers, the Union of Alberta Municipalities and the Association of Assessing Officers of Alberta, provides in-service training to municipal employees. The courses are offered on a correspondence-tutorial basis. Each student is required to present himself for examination at the end of each academic year and to date two hundred and fifty-five students have received Certificates from the Division. There is a continuing demand to expand the offerings of this Division and next year it is hoped that a special one-year course in municipal planning can be arranged.

A three-year certificate course in Personnel Administration, presented in co-operation with the Faculty of Commerce and the Edmonton and Calgary Personnel Associations, continues to draw a good number of students. The certificate course in Real Estate is being redrafted and strengthened in consultation with the Alberta Real Estate Association.

In co-operation with the School of Nursing and the Alberta Association of Registered Nurses, the Department of Extension arranged a Short Course in Staff Development for the Red Deer area and another entitled Supervision in Nursing for senior nursing personnel from across the province. It is expected that the latter course, held at Banff, will become an annual event, serving a distinct training need in the nursing profession.

The beginning of a program of continuing education for lawyers was marked this year with Seminars in Estate Planning held in both major cities. This program is planned in association with the Law Society of Alberta and the University. A two-week course in Work Study was presented in Edmonton and the response to this new type of training was enthusiastic. Work Study is being encouraged on a national scale by the Productivity Branch of the Economic Council of Canada.

The continuing series of Earth Science Conferences which was begun in 1962-63 was continued this year in September and again in May. This series provides an opportunity for senior practicing geologists to become familiar with new findings in geological research. Each conference has enrolled the sixty students set as a maximum registration.

A lecture series on Operations Research was offered to Edmonton businessmen and because of the good response it will become a regular feature.

All computer programming courses offered at the University are well attended and students interested in this field can now take both elementary and advanced courses oriented towards either accounting or scientific applications.

Two Group Process Institutes were conducted this year at Banff to provide training in group behavior for social workers, psychiatrists, nurses, teachers, managers and clergy.

Other courses offered in this general area were: Oil and Gas Law Research Seminar, Communications in Supervision, Gross Anatomy, Care of the Premature Infant, Neuroanatomy and Asphalt Pavements.

Community Organization

As the role of voluntary organizations increases in importance in our society and as they come to occupy themselves with vital social issues, they seek

guidance in planning their activities. Thousands of people are devoting much time and energy to the objectives of their particular voluntary and professional group and their most frequent requests are for assistance in presenting programs and in developing a sound organizational structure. In-service training programs have been set up with a number of these organizations, ranging from occasional consultative sessions to short courses held over a period of several weeks. This work is frequently described as "leadership training" which suggests that the organization members are being prepared to take on more responsibility in their organization and within the community at large.

Much of the work in community organization and community development is done with farm organizations throughout the province. Four main courses are arranged: a Rural Leadership Techniques Course—a two-week residential course at the Banff School of Fine Arts, a Rural Leadership Conference—a two-week residential course at Banff for advanced training in leadership, the Western Canadian Farm Leaders Conference—a five-day session on "sociological, economic and political implications of agricultural policy", and Farm Young Peoples' Week—a ten-day event presented on the campus in Edmonton, to which are invited one hundred and twenty students who are introduced to campus facilities and who receive training in leadership and in technical agriculture.

A large number of short workshops and seminars were conducted throughout the province with such groups as the Alberta Federation of Home and Schools, the Alberta Association of Registered Nurses, the Girl Guides Leaders' Conference, the Junior League, the Edmonton Welfare Council and the Edmonton Native Friendship Centre.

In the January to May period, 1964, five major Public Affairs programs were presented to Albertans by the Department—two public panel presentations were made on the subject of Bilingualism and Biculturalism, one in Edmonton and one in Calgary; organized in conjunction with the Canadian Association for Adult Education. These two panels presented to Western audiences, for the first time, the new voice of responsible French Canadian spokesmen. The programs held at the Northern and Southern Jubilee Auditoriums in the Social Rooms attracted some five hundred Edmonton and Calgary persons. The Quebec spokesmen presented were Guy Beaugrand-Champagne, Claude Ryan and Jeanne Sauve, all of Montreal.

In an effort to create a better-informed press on the subject of bilingualism and biculturalism and federal relations, the Department undertook a special course for members of the press, dealing with the British North America Act and its main clauses. The course registered nineteen newsmen gathered from Edmonton news media and four other individuals for its six weeks duration. The course was not only a pilot run in terms of outreach to the press, but in several other ways it was experimental: in the matter of process the class had a chairman under whom a series of three different lecturers were integrated. Testing was also done in the use of a telephone hook-up for a tele-lecture from the classroom in Edmonton to Montreal. The concern was to present to the Edmonton newsmen an authentic Quebec French viewpoint on some aspects of the B.N.A. Act—the hook-up for a one-hour telephone call between the classroom and the Montreal newspaper editor, Claude Ryan, filled the need admirably. It may have opened the way to further use of this technique for educational programming.

The Department of Extension undertook to assist the Royal Commission on Bilingualism and Biculturalism. This required organization of two major community conference hearings—one in Edmonton, April 23 and 24, and the second in Calgary, June 8. The hearings, which were organized on an educational conferencing basis, involved two hundred and thirty-eight citizens in Edmonton and two hundred and thirty-nine in Calgary as fully registered delegates. The evening public platform sessions drew some three hundred in Edmonton and four hundred in Calgary.

Considerable fresh thought is being devoted to the design of a format for the development of public affairs education through public lectures, directed reading programs, discussion programs, selected film series and through evening classes. Within these categories some forty-five programs have been prepared in the course of the year for presentation in succeeding years.

Agricultural Extension

In addition to the substantial program of Rural Leadership Training and Development outlined earlier, a number of intensive short courses on the technical and business aspects of agriculture have been organized and conducted in co-operation with the Alberta agricultural organizations. These include a Conference on the Feed Industry, a Short Course in Beekeeping, a Horticultural Judging School and a variety of evening classes in Horticulture. The correspondence course developed earlier in farm bookkeeping has been well received by Alberta farmers. Over two hundred farm people are currently working in this program and preparations are being made for an advanced course in farm accounting.

In preparation are: a further series of Refresher Courses for Agrolologists; Farm Finance Conferences to be conducted at Lethbridge, Calgary, Edmonton and Grand Prairie; an intensive short course in Air Photo and Interpretation; a Seminar in Industrial Methods for Agriculture, and a number of evening courses in animal genetics and nutrition scheduled for Lethbridge and Red Deer. The publications budget, administered by the Committee on Agricultural Publications, made possible the preparation and distribution during the year of the following:

Alberta Trees, Shrubs and Flowers—a pictorial collection including descriptions of ornamentals suited particularly to prairie conditions.

St. Mary and Milk Rivers Soil Survey Report

Edmonton Soil Survey Report

The 1963 Feeders' Day Report

The 1963 Agriculture Bulletin

Care and Feeding of Dairy Cattle—a revision of an earlier publication

Legume Inoculation

Poultry Production in Alberta—a revision of an earlier publication

Forest Caterpillar

The Larder Beetle

To an increasing degree the rural community has been called on to exercise a large measure of local leadership. In the identification and solution of problems, the current program of the Department in Agricultural Extension

sion makes an important contribution to this need. Consideration is being given to an appropriate extension of the Department's program of leadership training.

Fine Arts

For a growing number of Albertans, the Extension Community Art Class program provides an exciting and indeed consuming link to the fine arts. During the year under review, community art classes were conducted at thirty-four points throughout the province with a total of eight hundred and thirty-eight students enrolled. An attempt is being made to decrease the number of points served and to increase the frequency of instruction in central locations. In addition to these regular classes held throughout the province, four short courses were held at Lacombe, Nanton, St. Paul and Yellowknife, featuring local exhibitions of the students' work. An Extension Art Conference was held in the spring focusing on a discussion of the theme "Art Patronage". On this occasion students' work from all over Alberta is exhibited.

Painting, drawing and related subjects are also the most popular offerings in the art classes in Edmonton where the number of students has increased to the extent that both daytime and evening classes must be arranged. In addition to the evening class instruction during the winter months, intensive short courses, such as Drawing and Painting Workshop, Landscape Drawing and Graphics, Landscape Painting and Fundamentals of Drawing, are offered in the spring and the summer using local and visiting instructors.

A Summer School for Strings was held in Edmonton and a Choral Workshop offered in Trochu. Evening classes in music appreciation and in choir training were also presented in Edmonton and Calgary. In co-operation with the Royal Canadian College of Organists and the Lutheran College Society of Edmonton, the Department of Extension arranged a short course in Church Music and Organ Playing in Edmonton. This course was directed towards organists and choir masters in churches and provided coaching in technique as well as opportunities to practice.

The Summer Festival Program presented a series of concerts, recitals, films and lectures. The Edmonton Symphony Orchestra, under the direction of Thomas Rolston, played the works of Haydn, Mozart and Strauss in the ballroom of the Macdonald Hotel. An Organ and Strings concert featured Hugh Bancroft, assisted by a string orchestra under the direction of Richard Eaton, at All Saints Cathedral. The Alberta Opera Society, in a special presentation, performed scenes from favorite operas. A delightful program of chamber music was performed on the fountain patio of the Math-Physics Chemistry Building. A Choral Concert, directed by G. K. Greene, offered Mozart's Coronation Mass and Walford Davies' setting of Eight Nursery Rhymes for Mixed Voices. The film series included such classics as "Ballad of a Soldier", "Wild Strawberries", "Glenn Gould 'Off the Record'", "Nanook of the North" and "The Chaplin Festival".

Extension Library

The contribution made by libraries to the community is frequently difficult to assess. The comment below, one of many from readers, clearly indicates appreciation for extension library services:

"I can't begin to tell you how thrilled every member of the family were. It seems you had chosen exactly what each of us wanted most. In fact, I'd say you've opened up a whole new world for us."

This reader's remark is a tribute to the thoughtful work of individual library staff members who prepare book-packages for families frequently in isolated areas, not otherwise served by a library.

In many ways the past year has been extremely difficult for the library due to construction which took place in the library headquarters and as well because of the dearth of trained librarians. As a result of building changes, library service was disrupted for several months and although it did not close, total circulation of books dropped by eight thousand from the previous year. The drop in circulation, however, is apparent rather than real because the library was forced to send out books on a two-month loan period rather than the usual one-month basis.

Open shelf distribution to families throughout the province accounted for most of the circulation. Travelling libraries—boxes of books on a three-month loan—continued to supplement the collection of small rural libraries which serve as a valuable aid to adult study groups throughout the province.

The library, in addition, serves all students registered in the non-credit evening class program and in many of the short courses and conferences through reading lists prepared and distributed to students.

During the year the library's work continued as usual to provide reference and advisory service to individuals and to small libraries and reading guidance to students in non-credit classes. Members of the staff contributed to the organization and training of participants in the Great Books and Living Library study discussion programs.

Visual Instruction Division

The chief resource of the Visual Instruction Division is a library of about three thousand 16mm sound films. They are essentially educational in nature and are designed for use with adult groups though in many cases they are suitable for classroom use. To promote the use of this valuable resource in the areas where it would do the most good, the information service of the Division is being expanded. In addition, to insure proper use of the material the Division conducts a series of instructional courses in the utilization of audio-visual material and equipment. Workshops in film programming and in audio-visual communication have been held in Edmonton and Calgary. Other similar courses have been conducted in Banff, Lethbridge and Red Deer.

One hundred and thirty-four films were added to the library. Approximately five hundred films will be withdrawn from circulation due to obsolescence or poor condition. Total film use increased eleven per cent. The use of films intramurally increased twenty per cent.

The record lending service added four hundred record titles. To provide a better balance of selections for subscribers, record purchases made recently included more selections in drama, literature and contemporary music. The total use of records increased fifty-five per cent, with a slight increase in membership. With a broader selection of records and the publication of a new catalogue, it is anticipated that membership will increase substantially in succeeding years.

The staff of the Visual Instruction Division is called upon to perform a variety of functions including consultation, training in the operation of equipment, processing of orders for materials and equipment and projection service. Requests for this service have increased twenty-two per cent.

Staff

Sincere thanks must be expressed to all faculty members and to all advisory committee members who have taken part in arranging and presenting classes. Responses to the Department's requests for assistance and advice have been gratifying and have enabled it to undertake a constantly expanding program.

To the staff members of the Department of Extension a special word of thanks is due for their devotion and energy and for their willingness to work a heavy schedule and to meet a variety of demands.

During the year Mr. Allan Des Champs left the Department to take a position with the Calgary School Board as Supervisor of Adult Education. He was replaced by Mr. T. A. Petersen. Mr. Charles Lockwood and Mr. Gerald Wright also joined the staff and are responsible for the programs in business, professional and industrial training and in public affairs, respectively. Mr. G. K. Greene left his position as music specialist to complete graduate studies. Mrs. Lois Sorokin left the staff of the Extension Library. Mr. C. F. Ritchie, Supervisor of the Visual Instruction Division, resigned to take up a position with the University of Colorado and is succeeded by J. A. Shaw of the University of Indiana. Mr. Glen Eyford was appointed Assistant Director of the Department of Extension.

This report in its other sections records with satisfaction the work of the newly developed division of the Department within the University of Alberta, Calgary. The extension program in the future will undoubtedly continue to reflect the unique resources on this campus as is evident in the program of the last year. The initiation of this division will make it possible to extend the resources of the University of Alberta to the southern reaches of the province. R. S. Chapman, of Calgary, has been appointed Extension Supervisor.

Conclusion

Rapid development, flexibility in program, change in method, use of new media and new tools and, perhaps most importantly, sheer increase in both institutions and student body, characterize all branches of education—University adult education is no exception. That the demand of the Alberta community for continuing education is great is clear from this report. Moreover, through its extension program the University is linking itself with the people of the province in informal education and establishing a significant bond. There is no doubt that the demands on the Canadian university community for continuing education in the future will be great. It is important that provision be made for its expansion.

Respectfully submitted,
Duncan Campbell,
Director of Extension.

**Table II—Statistical Information, Extension Library
Circulation of Books**

Open Shelf

	1962-63	1963-64	Difference
Adult books (including periodicals and sets of pamphlets)	92,726	86,580*	-6,146
Children's books	49,174	47,468*	-1,706
	<u>141,900</u>	<u>134,048</u>	<u>-7,852</u>

Travelling Libraries

No. of Travelling Libraries:

	1962-63	1963-64
Adult	56	53
Mixed	25	24
Children's	5	7
	<u>86</u>	<u>84</u>

Circulation	5,555	3,156	-2,399
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Banff School	<u>494</u>	<u>470</u>	<u>- 24</u>
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Total Circulation	<u>147,949</u>	<u>137,674</u>	<u>-10,275</u>
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Memberships

April 1, 1963 to March 31, 1964	2,038
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Collection

No. of books at April 1, 1963	54,063
Accessions during the year	2,856
Withdrawals during the year	662
	<u>2,194</u>

No. of books at March 31, 1964	<u>56,257</u>
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*From September 23, 1963, to February 15, 1964, during building alterations, books were loaned for two months.

Table III—Statistical Information, Division of Visual Instruction

Number of Motion Picture Films in Library

8mm.	150
16mm.	3,554
Total Motion Picture Films in Library	3,704
Total Motion Picture Films added to Library 1963-64	134

Number of Filmstrips in Library	3,225
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Number of Slide Sets in Library	188
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Number of Records in Library	860
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Number of Tapes in Library	19
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Number of Pieces of Audio-Visual Equipment Available for Loan or Rental	80
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Audio-Visual Materials Circulation

	1963-64		1962-63	
	Intra-Mural	Extra Mural	Total	Total
Number of 8 mm Motion Picture Subjects Circulated	14	238	252	317
Number of 16 mm Motion Picture Subjects Circulated	1,253	11,639	12,892	11,639
Total No. Reels of 16 mm. Motion Picture Films Circulated	2,897	21,146	24,043	20,629
Number of Filmstrips Circulated	301	5,320	5,621	5,638
Number of Slide Sets Circulated	0	18	18	31
Number of Records Circulated	—	4,389	4,389	2,815
Number of Record Lending Service Memberships	—	147	147	142
Number of Tapes Circulated	—	3	3	0
Number of Times Audio-visual Equipment Supplied	690	651	1,341	1,244
Total Number of Days Equipment Used ...	2,133	1,184	3,317	2,705
Number of Times Projection Service Supplied	179	43	222	264
Number of Times Screening Room Facilities Used	219	120	339	306
Number of Orders Processed— Total Library .....	.....	.....	12,328	10,057

Table I

A. LIBERAL ARTS EDUCATION

Sponsor	Location	Period	Attendance
Modern Languages and Literatures			
1. Linguistics: The Study of Language	Edmonton	Oct. 9-Dec. 11	15
2. Poetry of the Twentieth Century	"	Oct. 16-Dec. 18	20
3. Short Story Writing	"	Oct. 31-Jan. 23	7
4. English Conversation and Pronunciation	"	Oct. 1-Feb. 25	18
5. Shakespeare	"	Jan. 8-Mar. 11	30
6. Intermediate Oral French	"	Oct. 9-Mar. 4	20
7. Intermediate Oral French	"	Mar. 21-Jul. 4	17
8. Conversational French (1)	"	Oct. 8-Mar. 3	40
9. Conversational French (2)	"	Oct. 8-Mar. 3	32
10. Oral French (1)	"	Oct. 8-Jun. 5	24
11. Oral French (2)	"	Oct. 8-Jun. 5	30
12. Advanced Oral French	"	Oct. 8-Jun. 5	23
13. Advanced Conversational French	"	Oct. 7-Jun. 3	120
14. Intermediate Conversational French	"	Oct. 9-Mar. 4	18
15. Italian for Beginners	"	Oct. 9-Mar. 11	90
16. Advanced Spanish	"	Oct. 9-Mar. 11	21
17. Spanish for Beginners (a)	"	Oct. 9-Mar. 3	11
18. Spanish for Beginners (b)	"	Oct. 9-Mar. 3	25
19. Spanish for Beginners (c)	"	Oct. 1-Feb. 25	30
20. Conversational German (1)	"	Oct. 7-Mar. 2	30
21. Conversational German (2)	"	Oct. 7-Mar. 2	23
22. Conversational German (3)	"	Oct. 10-Mar. 5	30
23. Intermediate German	"	Oct. 10-Mar. 5	17
24. Advanced German	"	Oct. 10-Mar. 5	14
25. Russian for Beginners	"	Oct. 8-Mar. 3	30
26. Ukrainian for Beginners	"	Oct. 9-Mar. 4	12
27. Ukrainian Literature	"	Oct. 1-Mar. 24	9
28. Norwegian Grammar	"	Oct. 2-Mar. 25	36
29. Introduction to German	"	Oct. 3-Mar. 26	32
30. Intermediate German	"	Jan. 7-Apr. 28	36
31. English Pronunciation and Conversation (a)	Calgary	Oct. 9-Mar. 11	42
32. English Pronunciation and Conversation (b)	"	Oct. 9-Mar. 11	15
33. Conversational Spanish	"	Oct. 8-Mar. 10	30
34. Intermediate Conversational Spanish	"	Oct. 2-Mar. 4	36
35. Conversational French (Elementary) (a)	"	Oct. 3-Mar. 5	20
36. Conversational French (Elementary) (b)	"	Oct. 3-Mar. 5	40
37. Conversational French (Continuation)	"	Oct. 3-Feb. 27	30
38. French Language Workshop	"	Oct. 3-Feb. 27	36
39. Introduction to General Semantics	"	Sep. 30-Mar. 2	8
40. Introduction to General Semantics	"	Oct. 1-Feb. 25	30
	"	Oct. 3-Feb. 27	24
	"	Oct. 2-Feb. 26	30
	"	Oct. 7-Mar. 9	31
	"	Sep. 30-Dec. 16	19
	"	Jan. 20-Apr. 6	21
	"		18

	Edmonton and Calgary Great Books Council	Banff	May 17-May 19	8	35
41. Great Books Institute					
42. Religion and Philosophy					
43. Ways of Mankind	Edmonton		Oct. 15-Dec. 17	20	13
44. The Hidden Man (a)	"		Oct. 3-Dec. 5	25	58
45. The Hidden Man (b)	"		Feb. 6-Apr. 9	25	46
46. The Existentialist Movement	"		Oct. 1-Dec. 17	24	28
47. Introduction to the World's Great Religions	"		Oct. 15-Dec. 17	15	34
48. Psychology					
49. Personality Dynamics	"		Oct. 2-Dec. 18	24	17
50. Child Growth and Development	"		Oct. 15-Dec. 17	20	32
51. Introduction to Applied Psychology	Calgary		Oct. 1-Dec. 3	15	48
52. Applied Psychology	"		Jan. 14-Mar. 17	15	46
53. History and Political Science					
54. Capitalism, Socialism and Communism	Edmonton		Oct. 10-Dec. 12	15	32
55. The United Nations in Action	"		Oct. 16-Dec. 18	15	8
56. Canada and World Affairs	"		Oct. 16-Feb. 5	20	8
57. B.N.A. Act	"		Mar. 3-Apr. 6	12	24
58. Introduction to Archeology	"		Oct. 10-Dec. 12	20	20
59. International Affairs—The Critical Years Canadian Institute of International Affairs	Calgary		Jan. 14-Mar. 17	15	44
60. Social Science					
61. Helping the Speech Handicapped Child	Edmonton		Sep. 30-Dec. 2	15	14
62. Household Economics					
63. Interior Design (a)	"		Oct. 2-Dec. 4	20	179
64. Interior Design (b)	"		Jan. 8-Mar. 11	20	107
65. Textiles	"		Oct. 15-Dec. 3	16	29
66. Interior Design (a)	Calgary		Sep. 23-Nov. 25	20	54
67. Interior Design (b)	"		Oct. 3-Dec. 5	20	39
68. Interior Design (a)	"		Jan. 20-Mar. 23	20	49
69. Interior Design (b)	"		Jan. 30-Apr. 2	20	17
70. Textiles and the Consumer	"		Jan. 15-Apr. 1	24	14
71. Science					
72. Astronomy	Edmonton		Oct. 8-Dec. 10	15	9
73. Bird Life in Alberta	"		Oct. 1-Dec. 3	20	10
74. Fossils of Alberta	"		Jan. 13-Mar. 16	15	32
75. Gems and Gem Materials	"		Sep. 30-Dec. 2	10	18
76. Forefronts of Science	"		Feb. 4-Apr. 21	18	198
77. Simple Human Genetics	Calgary		Sep. 30-Dec. 2	15	10
78. Astronomy	"		Oct. 9-Dec. 4	15	9

Table I—Continued

	Sponsor	Location	Period	Hours	Attendance
73. Introduction to Geology	Calgary Public and Separate School Board Alta. Society of Petroleum Geologists	Calgary	Oct. 3-Dec. 5	15	10
74. Frontiers of Science		"	Feb. 27-May 21	21	137
75. Field Methods in Paleontology		"	Jan. 15-Feb. 19	12	13
Law					
76. Men, Women and the Law		"	Oct. 8-Nov. 26	12	37
High School Enrichment Courses					
77. Psychology	E.P.S.B., E.S.S.B., W.J.P.P.S.B., St. Albert, Edmonton, P.S.B., J.P.P.S.B., Alberta College.	Edmonton	Jan. 29-Feb. 26	10	32
78. Chemistry	"	"	Jan. 27-Feb. 24	10	36
79. Business Management	"	"	Jan. 30-Feb. 27	12	27
80. Biology	"	"	Jan. 27-Feb. 24	10	34
81. English	"	"	Jan. 27-Feb. 24	10	33
82. Mathematics	"	"	Jan. 28-Feb. 25	10	36
83. History—Political Economy	"	"	Jan. 29-Feb. 26	10	34
84. Physics	"	"	Jan. 29-Feb. 26	10	35
85. Modern Languages	"	"	Jan. 29-Feb. 26	10	33
86. Fossil Faunas of Alberta Ponds and Lakes Workshop	"	"	Jan. 29-Feb. 26	10	5
87. Vertebrate Paleontology Workshop	"	"	Jan. 28-Feb. 25	10	5
88. Crystallography Workshop	"	"	Jan. 27-Feb. 24	10	5
89. Inorganic Chemistry	"	"	Jan. 29-Feb. 26	10	5
90. Structure of the Rocky Mountains Workshop	"	"	Jan. 27-Feb. 24	10	3
91. Principles of Groundwater Hydrology Workshop	"	"	Jan. 27-Feb. 24	10	5
92. Functional Group Analysis of Gas Chromatography—Workshop	"	"	Jan. 29-Feb. 26	10	5
93. Capsule Pipelines Workshop	"	"	Jan. 27-Feb. 24	10	5
94. Synthesis of Organic Materials Needed for Research—Workshop	"	"	Jan. 27-Feb. 24	10	5
95. Design of Plant Requirements for the Local Manufacture of a Specific Line of Products—Workshop	"	"	Jan. 27-Feb. 24	10	5
B. BUSINESS, PROFESSIONAL AND TECHNICAL EDUCATION					
I Continuing Education in the Professions					
1. Research Seminar in Oil and Gas Law	Canadian Petroleum Foundations	Banff	Jun. 13-Jun. 15	15	32
2. Seminar in Estate Planning	Law Society of Alberta	Edmonton	Feb. 24-Feb. 25	12	57
3. Seminar in Estate Planning	Law Society of Alberta	Calgary	Feb. 26-Feb. 27	12	56
4. Care of the Premature Infant	School of Nursing, U. of A. Hospital	Edmonton	Apr. 22-Jun. 1	200	5
5. Gross Anatomy	Dept. of Anatomy, Faculty of Medicine	Edmonton	Feb. 3-May 11	24	14
6. Neuroanatomy	"	Edmonton	Feb. 4-Apr. 6	15	16

7. Supervision in Nursing	School of Nursing, Alta. Assn. of Registered Nurses	Banff	Mar 15-Mar. 20	42	61
8. Teaching the Retarded Child	Alta. Assn. for Retarded Children	Edmonton	May 20-May 24	30	12
9. Teaching the Retarded Child	Alta. Assn. for Retarded Children	Calgary	Mar. 30-Apr. 3	30	48
10. Group Process Institute	Dept. of Psychiatry, Dept. of Psychology, Alta. Psychology Assn., Psychiatric Assn., Canadian Mental Health Assn., Alcoholism Foundation, Prov. Dept. of Public Health	Edmonton	Sep. 15-Sep. 25	80	45
11. National Conference on Earth Science	Alta. Assn. of Pet. Geologists	Banff	May 6-May 10	20	61
12. National Conference on Earth Science	Alta. Assn. of Pet. Geologists	Banff	Sep. 23-Sep. 27	20	61
13. Asphalt Pavements	Dept. of Civil Engineering	Edmonton	Feb. 10-Feb. 11	13	197
14. Aspects of Modern Biology	Calgary Council of Biology Teachers	Calgary	Feb. 18-Mar. 17	10	26
11 Certificate Programs					
a) Management Development Program					
15. Canadian Economic Development		Edmonton	Oct. 17-Apr. 16	50	33
16. Management Accounting and Financial Controls—Sec. A		"	Oct. 15-Apr. 14	50	37
17. Management Accounting and Financial Controls—Sec. B		"	Oct. 15-Apr. 14	50	37
18. Business Organization and Administration—Sec. 1		"	Oct. 16-Apr. 15	50	39
19. Business Organization and Administration—Sec. 2		"	Oct. 16-Apr. 15	50	36
20. Business Finance		"	Oct. 15-Apr. 14	50	29
21. Personnel Administration		"	Oct. 16-Apr. 15	50	41
22. Commercial Law		"	Oct. 16-Apr. 15	50	32
23. Marketing		"	Oct. 21-Apr. 20	50	38
24. Canadian Economic Development Financial Controls		Calgary	Oct. 16-Apr. 15	50	30
25. Management Accounting and Financial Controls		"	Oct. 21-Apr. 20	50	41
26. Business Finance		"	Oct. 15-Apr. 14	50	14
27. Personnel Administration		"	Oct. 16-Apr. 15	50	17
28. Commercial Law		"	Oct. 17-Apr. 16	50	30
29. Marketing		"	Oct. 17-Apr. 16	50	29
30. Business Organization and Administration		"	Oct. 17-Apr. 15	50	39
b) Registered Industrial Accountants					
31. Accounting I — Sec. 1	Society of Industrial & Cost Accountants of Alberta	Edmonton	Oct.-Apr.	40	36
32. " — Sec. 2	"	"	"	40	36
33. " — Sec. 3	"	"	"	42	40
34. " — Sec. 4	"	"	"	40	42
35. " — Sec. 1	"	Calgary	"	48	45
36. " — Sec. 2	"	"	"	36	51
37. " — Sec. 3	"	"	"	44	43
38. " — Sec. 4	"	"	"	40	45
39. Industrial Legislation — Sec. 1	"	Edmonton	"	40	41
40. " — Sec. 2	"	"	"	42	41
41. " — Sec. 3	"	"	"	40	33

Table I—Continued

	Sponsor	Location	Period	Hours	Attendance
42.	"	"	"	44	31
43.	"	"	"	40	51
44.	"	Calgary	"	40	46
45.	"	"	"	40	47
46.	"	"	"	38	43
47.	"	Edmonton	"	42	43
48.	"	"	"	42	43
49.	"	Calgary	"	42	36
50.	"	"	"	42	36
51.	"	"	"	40	34
52.	"	Edmonton	"	40	44
53.	"	"	"	40	42
54.	"	Calgary	"	40	38
55.	"	"	"	40	39
56.	"	"	"	40	32
57.	"	Edmonton	"	44	31
58.	"	"	"	44	31
59.	"	Calgary	"	40	43
60.	"	Edmonton	"	42	41
61.	"	Calgary	"	20	52
62.	"	Edmonton	"	40	19
63.	"	Calgary	"	48	22
64.	"	Edmonton	"	20	21
65.	"	Calgary	"	20	43
66.	"	Edmonton	"	24	34
67.	"	Calgary	"	22	50
68.	"	Edmonton	"	30	23
69.	"	Calgary	"	24	37
70.	"	Calgary	Oct. 10-Dec. 12	20	32
71.	"	Calgary	Feb. 11-Mar. 10	10	11
c) Real Estate					
72.	Alberta Real Estate Association	Edmonton	Oct. 3-Apr. 30	30	38
73.	"	"	Oct. 1-Apr. 28	30	16
74.	"	"	Sep. 26-Apr. 30	30	11
75.	"	Calgary	Sep. 26-Apr. 23	30	36
76.	"	"	Sep. 24-Apr. 28	30	10
77.	"	"	Oct. 1-Apr. 28	30	15
d) Personnel Administration					
78.	Personnel Association, Edmonton	Edmonton	Oct. 15-Mar. 3	36	54
79.	Personnel Association, Calgary	Calgary	Oct. 16-Mar. 4	36	27
e) Public Administration					
80.	Local Government Business Affairs	Fairview	Oct. 1-Dec. 30	25	7

81.	"	"	Edmonton	Oct. 1-Dec. 30	25	29
82.	"	"	Vermilion	Oct. 1-Dec. 30	25	8
83.	"	"	Stettler	Oct. 1-Dec. 30	25	16
84.	"	"	Calgary	Oct. 1-Dec. 30	25	8
85.	"	"	Lethbridge	Oct. 1-Dec. 30	25	6
86.	Local Government Accounting Course	"	Edmonton	Oct. 1-Dec. 30	25	32
87.	"	"	Calgary	Oct. 1-Dec. 30	25	6
88.	"	"	Lethbridge	Oct. 1-Dec. 30	25	5
89.	Assessment Appraisal Course	"	Edmonton	Oct. 1-Dec. 30	25	6
90.	"	"	Gr. Prairie	Oct. 1-Dec. 30	25	6
91.	"	"	Edmonton	Oct. 1-Dec. 30	25	46
92.	"	"	Red Deer	Oct. 1-Dec. 30	25	14
93.	"	"	Castor	Oct. 1-Dec. 30	25	4
94.	"	"	Calgary	Oct. 1-Dec. 30	25	20
			Lethbridge	Oct. 1-Dec. 30	25	5
III Management Training						
95.	Communication in Supervision		Edmonton	Apr. 22-Apr. 24	17	40
96.	Communication in Supervision		Calgary	Apr. 25-Apr. 27	17	36
97.	Communication in Supervision		"	Jan. 30-Feb. 1	17	30
98.	Introduction to Supervision (a)		"	Oct. 8-Dec. 10	20	31
99.	Introduction to Supervision (b)		"	Oct. 10-Dec. 12	20	32
100.	Introduction to Supervision (a)		"	Jan. 16-Mar. 5	16	37
101.	Introduction to Supervision (b)		"	Jan. 20-Mar. 23	20	33
102.	Problems in Supervision (a)		Calgary	Jan. 16-Mar. 5	16	37
103.	Human Relations Program	Alberta Government, Telephones	Edmonton	Apr. 8-Apr. 11	35	15
104.	Human Relations Program	"	"	Apr. 1-Apr. 5	35	17
105.	Human Relations Program	"	"	Mar. 25-Mar. 29	35	23
106.	Human Relations Program	"	"	Mar. 18-Mar. 22	35	16
107.	Human Relations Program	"	Calgary	Apr. 1-Apr. 5	35	27
108.	Human Relations Program	"	"	Apr. 8-Apr. 11	35	27
109.	Human Relations Program	"	"	Apr. 15-Apr. 19	35	12
110.	Human Relations Program	"	"	Apr. 22-Apr. 26	35	27
111.	Human Factors in Management	"	Edmonton	Oct. 2-Dec. 11	22	30
112.	Human Factors in Management	"	"	Oct. 2-Dec. 11	22	31
113.	Human Factors in Management	"	"	Jan. 15-Mar. 25	22	42
114.	Sales Management	"	"	Oct. 2-Dec. 18	24	36
115.	Sales Management	"	"	Jan. 15-Apr. 1	24	30
116.	Successful Communication for Administrators	"	"	Oct. 9-Dec. 11	20	27
117.	Law in Action	"	"	Oct. 1-Dec. 17	18	36
118.	Income Tax Procedures in Business	"	"	Jan. 21-Mar. 10	12	27
119.	Public Speaking for Businessmen	"	"	Jan. 22-Mar. 25	20	23
	Sec. A					
120.	Public Speaking for Businessmen	"	"	Jan. 23-Mar. 26	20	13
	Sec. B					
121.	Small Business Case Study Seminar	"	"	Jan. 20-Mar. 9	16	24
122.	Financial Management in Small Business	"	Calgary	Jan. 14-Mar. 17	20	20
123.	Operations Research	"	Edmonton	Oct. 21-Apr. 13	48	32
124.	Operations Research	"	"	Oct. 22-Apr. 14	48	33
125.	Essentials of Good English—Sec. 1	"	"	Jan. 13-Apr. 6	15	32
126.	Essentials of Good English—Sec. 2	"	"	Jan. 14-Apr. 7	15	21

Table I—Continued

	Sponsor	Location	Period	Hours	Attendance
127. Essentials of Good English (a)		Calgary	Oct. 2-Dec. 18	18	22
128. Essentials of Good English (b)		Edmonton	Oct. 2-Dec. 19	18	23
129. English Usage for Chartered Accounts		Calgary	Sep.-Nov.	...	32
130. English Usage for Chartered Accounts		Correspondence	Sep.-Nov.	...	38
131. English Usage for Chartered Accounts		Calgary	Sep.-Nov.	...	16
132. Effective Reading		Calgary	Jan. 23-Mar. 26	10	32
IV Mathematics, Physics, Computer Courses					
133. Mathematics of Finance		Calgary	Jan. 20-Mar. 9	12	11
134. Introduction to Statistics		"	Oct. 3-Feb. 27	30	17
135. Theory of Matrices		Edmonton	Oct. 3-Jan. 30	30	17
136. Algebra		Calgary	Oct. 3-Mar. 26	48	13
137. Numerical Methods		Calgary	Jan. 14-Mar. 31	24	15
138. Switching Circuits and Logical Design		Edmonton	Jan. 9-Mar. 12	15	18
139. (a) Switching Circuits and Logical Design		"	Jan. 13-Mar. 16	15	15
(b)		"	Sep. 30-Mar. 23	48	31
140. Mechanics of Fluids		Lethbridge	Jan. 31-Feb. 28	10	37
141. Chemical Bonding		M. Hat	Feb. 1-Feb. 29	10	15
142. Chemical Bonding		Calgary	Nov. 5-Dec. 3	8	72
143. Modern Approach to Chemical Bonding		Edmonton	Oct. 1-Dec. 17	24	31
144. Semi-Conductors and Transistors		"	Sep. 25-Dec. 18	26	18
145. Fundamentals of Computer		"	Sep. 24-Dec. 17	26	17
146. Programming (a) Fundamentals of Computer		"	Sep. 24-Dec. 17	26	21
147. Programming (b) Fundamentals of Computer		"	Sep. 25-Dec. 18	26	14
148. Programming (c) Fundamentals of Computer		"	Jan. 6-Mar. 31	26	19
149. Programming (d) Fundamentals of Computer		"	Jan. 8-Apr. 1	26	16
150. Programming (e) Fundamentals of Computer		"	Oct. 7-Nov. 25	12	56
151. Programming (f) Introduction to Electronic Computer		Calgary	Jan. 20-Mar. 16	12	37
152. Programming Introduction to Electronic Computer		"	Oct. 7-Mar. 2	30	17
153. Programming Senior Course in Computer		Edmonton	Sep. 25-Dec. 18	26	18
154. Programming Management Considers the Digital Computer		"	Jan. 8-Mar. 25	18	11
155. Commercial Computer Applications		"	Jan. 9-Mar. 12	15	18
156. Scientific and Engineering Computer Applications					

157. Designing Data Processing Computer Systems
158. Designing Data Processing Computer Systems.

V General Interest Courses

159. An Introduction to City Planning
160. The Pre-School Child
161. Prospecting
162. Group Discussion
163. Managing Investments
164. Audio-Visual Communication Seminar
165. Audio-Visual Communication Seminar

C. AGRICULTURE

1. Farm Young People's Week
2. First Alberta Horticultural Judging School
3. Fundamentals of Farm Bookkeeping
4. Western Canadian Farm Leaders Conference
5. Leadership Techniques Short Course
6. Beekeeping Short Course
7. Gardening Course
8. Rural Leadership
9. Annual Feed Industry Conference
10. Farm Finance Conference

D. COMMUNITY CONFERENCES

1. Alberta Film Conference
2. Peace River Training Lab. in Community Development
3. Quebec Conference
4. Quebec Conference

E. CONTINUING EDUCATION IN THE FINE ARTS

I Drama

1. Voice Production and Speech Arts
2. Voice Production and Speech Arts II
3. Voice Production (1)
4. Voice Production (2)
5. Contemporary Drama

Calgary	Oct. 9-Dec. 11	20	19
"	Jan. 14-Mar. 17	20	18
Calgary	Oct. 9-Dec. 11	15	16
"	Oct. 30-Apr. 1	30	17
Edmonton	Oct. 21-Dec. 5	28	23
"	Oct. 30-Nov. 6, 13	9	12
Calgary	Jan. 23-Mar. 19	18	65
Edmonton	Feb. 27, 28, 29	20	9
Calgary	Mar. 12, 13, 14	20	18
Edmonton	Jun. 11-Jun. 20	75	104
Olds	Aug. 8-Aug. 9	15	200
Correspondence Banff	6 months Mar. 23-Mar. 26	15 20	55 30
Banff	Jan. 20-Feb. 1	70	50
Edmonton	Feb. 10-Feb. 14	25	48
Edmonton Banff	Feb. 25-Apr. 28 Feb. 23-Mar. 7	20 70	34 31
Red Deer Gr. Prairie	Nov. 21-Nov. 22	15	60 120
Red Deer P. River	Apr. 4-Apr. 5 Jan. 11-Jan. 12	9½ 15	20 59
Edmonton Calgary	Feb. 11 Feb. 13	6 8	130 139
Edmonton	Jan. 7-Mar. 10	17½	32
"	Jan. 9-Mar. 12	17½	11
"	Oct. 10-Dec. 12	17½	21
Calgary	Oct. 12-Dec. 14 Sep. 30-Dec. 2	17½ 20	20 13

Table I—Continued

Sponsor

II Music

6. Summer School for Strings (1)
7. Summer School for Strings (2 & 3)
8. What to Listen for in Music (a)
9. What to Listen for in Music (b)
10. Meet Modern Music (a)
11. Meet Modern Music (b)
12. Training a Choir
13. Choral Workshop

III Fine Arts Classes—Edmonton

14. Portrait Painting I
15. Portrait Painting II
16. Fundamentals of Drawing
17. Fundamentals of Drawing
18. Drawing I
19. Drawing II
20. Life and Portrait Painting
21. Life Painting
22. Fundamentals of Painting
23. Painting Workshop
24. Painting I
25. Painting I
26. Painting II
27. Painting II
28. Landscape Painting
29. Landscape Painting
30. Landscape Painting
31. Fundamentals of Landscape Painting
32. Fundamentals of Landscape Painting
33. Fundamentals of Landscape Painting
34. Design I
35. Design II
36. Design II
37. Commercial Art
38. Life Drawing and Painting
39. Life Drawing and Painting
40. Drawing and Painting Workshop
41. Drawing and Painting Workshop
42. Drawing and Painting Workshop
43. Drawing and Painting Workshop
44. Graphic Workshop
45. Architectural Appreciation

Location

Edmonton

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Calgary

Trochu

Edmonton

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Period

Hours

Attendance

24

72

36

58

17

14

14

15

53

Jul. 22-Aug. 3

Jul. 22-Aug. 3

Oct. 1-Dec. 3

Jan. 14-Mar. 17

Oct. 23-Dec. 11

Feb. 14-Apr. 10

Oct. 2-Dec. 4

Jan. 13-Mar. 16

Apr. 1-Jun. 10

Sep. 30-Mar. 9

Apr. 2-Jun. 11

Oct. 1-Mar. 3

Oct. 1-Mar. 3

Oct. 1-Mar. 3

Apr. 3-Jun. 12

Oct. 2-Mar. 12

Apr. 3-Jun. 12

Jul. 15-Jul. 26

Oct. 2-Mar. 11

Oct. 3-Mar. 12

Oct. 3-Mar. 12

Oct. 3-Mar. 12

Apr. 3-Jun. 12

Sep. 18-Nov. 27

Sep. 21-Nov. 30

Apr. 6-Jun. 8

Jul. 3-Jul. 12

Jul. 13-Jul. 26

Sep. 30-Mar. 9

Sep. 30-Mar. 9

Sep. 30-Mar. 9

Sep. 30-Mar. 9

Oct. 4-Mar. 6

Mar. 22-May 31

Jan. 18-Mar. 21

Apr. 4-Jun. 13

Jan. 15-Mar. 18

Jan. 18-Mar. 21

Apr. 2-Jun. 11

Oct. 1-Mar. 3

Oct. 1-Mar. 3

Oct. 1-Mar. 3

Oct. 1-Mar. 3

Oct. 1-Mar. 3

Oct. 1-Mar. 3

Oct. 1-Mar. 3

Oct. 1-Mar. 3

IV Community Art Classes and Conferences

46. Workshop for Senior Students
47. Extension Art Conference
48. Northern CAC Conference
49. Southern CAC Conference
50. Athabasca
51. Banff
52. Banff Short Course
53. Barrhead
54. Camrose
55. Carstairs
56. Castor
57. Cluny
58. Cochrane
59. Drayton Valley
60. Drumheller
61. Drumheller Short Course
62. Edson
63. High Prairie
64. High River
65. Innisfail
66. Lacombe (Sculpture)
67. Lacombe
68. Leduc
69. Medicine Hat
70. Medicine Hat
71. Nanton
72. Nanton (Sculpture)
73. Olds
74. Pincher Creek
75. Ponoka
76. Ralston
77. Red Deer
78. Red Deer
79. Redwater
80. Ryley
81. St. Paul Short Course
82. Sylvan Lake
83. Taber
84. Vermilion
85. Viking
86. Vulcan
87. Wainwright
88. Warspite
89. Westlock
90. Wetaskiwin
91. Yellowknife
92. Yellowknife
93. Yellowknife
94. Yellowknife

Edmonton	Apr. 15-Apr. 19	23
"	Mar. 21	300
"	Mar. 30	150
Nanton	Jun. 15	55
Athabasca	Oct. 10-Mar. 12	22
Banff	Oct. 2-Apr. 8	21
"	Jun. 1-Jun. 2	9
Barrhead	Oct. 28-Apr. 27	14
Camrose	Oct. 19-Apr. 25	21
Carstairs	Oct. 24-Apr. 6	28
Castor	Oct. 23-Apr. 22	15
Cluny	Oct. 12-Apr. 11	18
Cochrane	Oct. 12-Apr. 11	14
Drayton Valley	Sep. 30-Apr. 13	28
Drumheller	Oct. 17-Apr. 16	21
Drumheller	Oct. 22-Apr. 14	14
Edson	May 13, 14, 15	17
High Prairie	Oct. 25-Apr. 24	10
High River	Oct. 11-Mar. 13	14
Innisfail	Oct. 21-Apr. 8	12
Lacombe	Oct. 16-Apr. 15	12
Lacombe	Jun. 25-Jun. 28	14
Leduc	Oct. 16-Apr. 15	40
Medicine Hat	Oct. 15	2
Medicine Hat	Oct. 11-Apr. 10	17 1/2
Nanton	May 31	3
Nanton	Oct. 3-Apr. 9	21
Nanton	Jun. 11-Jun. 14	10
Olds	Oct. 17-Apr. 16	40
Pincher Creek	Oct. 18-May 2	14
Ponoka	Oct. 4-Apr. 17	16
Ralston	May 27, 28, 29, 30	23
Red Deer	Oct. 18-Apr. 24	12
Red Deer	Nov. 15-Apr. 24	21
Redwater	Oct. 17-Apr. 16	18
Ryley	Oct. 10-Apr. 9	12
St. Paul	Apr. 16-Apr. 18	14
Sylvan Lake	Oct. 17-Apr. 16	20
Taber	Oct. 10-Apr. 9	21
Vermilion	Oct. 9-Mar. 11	14
Viking	Oct. 25-Apr. 30	18
Vulcan	Oct. 3-Apr. 9	12
Wainwright	Oct. 24-Apr. 29	18
Warspite	Oct. 23-Apr. 29	21
Westlock	Oct. 11-Mar. 13	14
Wetaskiwin	Oct. 19-Apr. 25	15
Yellowknife	Apr. 23-Apr. 25	17 1/2
"	Jun. 6-Jun. 9	12
"	Nov. 22-Nov. 24	25
"	Nov. 25-Nov. 28	12
"		10
"		12
"		14
Athabasca Community Art Class		
Banff Community Art Class		
Barrhead Art Club		
Camrose Art Club		
Carstairs Art Class		
Castor Art Club		
Cluny Art Club		
Cochrane Art Club		
Drayton Valley Art Club		
Drumheller Art Club		
Drumheller Art Club		
Edson Community Art Class		
High Prairie Arts & Crafts		
High River Art Club		
Innisfail Art Group		
Lacombe Art Club		
Leduc Art Club		
Medicine Hat Community Art Club		
Nanton Art Club		
Nanton Art Club		
Olds Art Group		
Pincher Creek Sketch Club		
Ponoka Art Club		
Ralston Community Art Group		
Red Deer Community Art Club		
Red Deer Community Art Club		
Redwater Community Art Classes		
Ryley Art Class		
St. Paul Arts & Crafts, Art Club		
Sylvan Lake Art Club		
Taber Brush and Palette Club		
Vermilion Community Art Club		
Viking Art Club		
Vulcan Community Art Group		
Wainwright Art Club		
Warspite Community Art Club		
Westlock Art Club		
Wetaskiwin Community Art Class		
John B. Rennie Art Club		
"		
"		
"		
"		

STUDENT REGISTRATION

LIBERAL ARTS EDUCATION

	Enrolment	
Modern Language and Literature	827	
Religion and Philosophy	179	
Psychology	143	
History and Political Science	136	
Social Science	14	
Household Economics	488	
Science	446	
Law	37	
High School Enrichment Courses	348	2,618

BUSINESS, PROFESSIONAL AND TECHNICAL EDUCATION

Continuing Education in the Professions	691	
Certificate Programs		
Management Development	521	
Registered Industrial Accountants	1,548	
Real Estate	126	
Personnel Administration	81	
Public Administration	202	
Management Training	1,060	
Mathematics, Physics, Computer Courses	574	
General Interest Courses	160	4,963

AGRICULTURE	732
COMMUNITY CONFERENCES	209

CONTINUING EDUCATION IN THE FINE ARTS

Drama	97	
Music	286	
Fine Arts Classes—Edmonton	512	
Community Art Classes and Conferences	1,308	2,203

TOTAL	10,725
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52nd ANNUAL REPORT

on

EXTENSION ACTIVITIES

University of Alberta

ANNUAL REPORT

on

**Extension Activities of the University
of Alberta**

for the year ending March 31st

1965

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Published by

**Department of Extension, University of Alberta
Edmonton, Alberta**

Annual Report on Extension Activities

of the

UNIVERSITY OF ALBERTA

for the year ending March 31st, 1965

Dr. Walter H. Johns,
President,
University of Alberta.

Dear Mr. President:

I have pleasure in presenting the fifty-second annual report on the extension activities of the University for the year ending March 31st, 1965.

The pages which follow indicate an aspect of the close relationship which exists between the University and the people of the Province. It is a pleasure, here to record the contributions which members of the staff of the University have made through lectures, short courses, classes, radio talks, television appearances, participation in conferences and seminars, in the preparation of extension bulletins and pamphlets, and in informal assistance to a variety of Alberta organizations. In many of these, the Department of Extension has taken the role of catalyst between the University and the public in the organization of the various programmes.

Typically, the work of an extension division of a university includes the responsibility for the education of adults in professional and other fields in order to insure that they are fully aware of rapid developments in their fields and the provision of credit towards a degree for the growing number of adults who, for reasons other than lack of ability, did not undertake or complete a university education. Further, it is concerned with the application of current research and development to applied fields by means of short courses, demonstrations, etc., and the provision of intellectually stimulating courses of a non-credit type and of a general educational nature to the public at large.

The report that follows outlines the programmes and services offered by the Department of Extension in carrying out these purposes.

Liberal Education

The basic function of a university is that of a storehouse of knowledge and a transmitter of the cultural heritage of man. Access to this storehouse, so to speak, is provided to the adult student through the extension liberal studies programmes. This provides to the student an opportunity to broaden

his horizons, deepen his perception, sharpen his curiosity, and add to his capacity to understand his life and the society within which he lives.

It is a truism, of course, that the best consumers of education are those who have already made a substantial beginning on their education. Typically, University Extension courses are attended by adults, the modal age of whom is thirty. Of these, about forty percent will already have a university degree or some university training and a similar percentage will have an education up to the senior high school level. About sixty per cent are male.

A very important part of the programme in the liberal arts is language instruction. Some forty-five classes, mostly in Edmonton and Calgary, were offered during the last term in English, French, German, Spanish, Ukrainian, Italian, and Norwegian. An interesting experiment, in co-operation with the Department of Modern Languages, has been the development of intensive courses in Oral French involving one hundred and twenty hours of instruction in small groups. The students have found these classes to be particularly effective in improving their grasp of the language rapidly. Courses in religion and philosophy continue to play an important part in the liberal studies programme in both of the major cities. For outlying centres which are difficult to reach through the medium of classes, experimental work has been initiated this year in a variety of book-oriented study discussion kits in such subject fields as anthropology, politics, sociology, and history.

Courses in the area of applied psychology appear to be of particular interest to persons in business and industry who seek a better understanding of human relations. It should be noted here, that, quite apart from the classes noted in Table I, members of the staff of the Department of Extension make regular contributions to the in-service training programmes of Alberta organizations on an informal basis.

The University, for a number of reasons, has a particularly important contribution to make to the community in giving leadership to the study and discussion of public affairs.

A beginning has been made in this area during the year with a major conference, **Peace: The Control of National Power**, to which contributions were made by Lieut. General E. L. M. Burns, Advisor to the Canadian Government on Disarmament, Department of External Affairs, and Dr. Leo Gross, Professor of International Law, Fletcher School of Law and Diplomacy. Mention should be made here of the development of a major western conference on public affairs by the Department of Political Science with assistance from the Department of Extension. This is the **World Development Conference** which would appear to have established a solid place for itself as a public affairs Programme in the Couchiching tradition.

Community Organization

During the year staff members of the Department of Extension accepted the responsibility of arranging two major conferences in Edmonton and Calgary under the auspices of and with the financial support of the Royal Commission on Biculturalism and Bilingualism. These were succeeded by public hearings in each of the two centres on this important subject in which the Department assisted.

In addition to its more formal offerings of courses, classes, and conferences, all members of the staff, on the invitation of community organizations, have presented individual lectures, lecture series, training sessions, and many hours of assistance in consultation.

An interesting project undertaken by the Department of Extension in association with Departments of the University, not strictly in the field of adult education, is the High School Enrichment Programme which, in brief, provides an introduction to a wide variety of subject areas within the University to students selected from the school system. During the period under review, four hundred students were involved in introductory ten-hour periods of instruction in Sociology, Chemistry, Mathematics, Classics, Physics, Political Science, Commerce, Biology, English, and Music. These were coupled with laboratory demonstrations and workshops as necessary.

Business, Professional, and Technical Education

The rate of development of technology, of new ways of doing yesterday's job is too well known to need elaboration here. The University in its extension programme has responded through a variety of short courses and classes to demands from business, industry, and the professions for that training and those insights required to do today's job. The number and variety of courses offered is noted in Table I. Special note, perhaps, should be taken of certain groups of related courses which comprise the substantial certificate programmes.

The Management Development Programme, designed to serve the purpose of the maturing executive, is offered with the co-operation of the Faculty of Commerce. It comprises eight courses each of fifty hours duration in Canadian economics, finance, the organizational functions of business, and law. The University's Certificate is awarded to students successfully completing six of the eight courses. The programme is under the scrutiny of an Advisory Committee drawn from the University and the community. Some four hundred and seventy-eight students are currently registered in the programme. During the year under review, twenty-one were awarded the certificate.

For a number of years, the Department of Extension, in co-operation with the Society of Industrial and Cost Accountants of Alberta, has offered a thorough-going and rapidly developing programme of instruction in accounting and related fields. This systematic programme of training has made it possible for a considerable number of men and women to achieve a good standard of proficiency in this field and present a nationally known accreditation to their employers. Forty-three courses in Accounting, Industrial Legislation, Cost Accounting, and Statistics were attended by one thousand seven hundred students in Edmonton and Calgary during the year.

The work done in local government training can perhaps best be measured by the importance to which employing municipalities place on this training offered through the Department of Extension. The core of instruction centres around the elements of assessment, local government organization, municipal planning, and school administration. Through a combination of correspondence lessons coupled with periodic regional seminars, some one hundred and sixty-five students received instruction in twelve central regions of the province. The 27th Annual Conference of Municipal Administrators and the 21st Annual

Conference of School Administrators brought five hundred and thirty registrants together.

Certain new areas of technology were the subject of study during the year. These included the Sandstone Research Symposium attended by sixty selected senior geologists who met with three internationally distinguished geologists, F. J. Pettijohn, Professor of Geology at The Johns Hopkins University, P. E. Potter, Associate Professor of Geology, Indiana University, and R. Siever, Associate Professor of Geology, Harvard University.

Short courses in the technique of the Critical Path Method were offered in Edmonton and Calgary and were instructed by Dr. V. K. Handa, Assistant Professor, University of Waterloo, and John Fondell, Associate Professor, Department of Engineering, Stanford University. These three courses were attended by seventy-five Edmonton and Calgary engineers. Other new courses included a week-long seminar for petroleum landmen and a class in the theory and application of wireline logs. An introduction to Work Study, a new device concerned with industrial efficiency, and a variety of courses of graduated complexity in computer programming were included in the programme of industrial training offered during the year.

Agricultural Extension

Although the bulk of the work in agricultural extension is carried by government agencies, the University, in a variety of ways, presents its expertise to the Province. An interesting development has been the initiation of correspondence courses in fundamentals of farm bookkeeping in which three hundred and thirty-five students are enrolled. An important conference for the feed industry was arranged in conjunction with the Feed Manufacturers Association, the Faculty of Agriculture, and the Department of Agriculture during the year. A short course at the graduate level for cattlemen was established in conjunction with Western Stock Growers Association. Instruction in this development was offered by Dr. William N. Garrett, Associate Animal Husbandman, University of California. Courses in Animal Genetics and Animal Nutrition were offered at other points of the Province.

An important part of the work in Agricultural Extension for many years has been the preparation and presentation, in conjunction with the farm organizations of this Province, of a series of leadership training programmes. While the programmes vary, they emphasize the development of the leadership role in the community and the analysis of the social, political, and economic setting within which rural Albertans and the farm organizations work. The senior programme in this field, the Western Canadian Farm Leaders Conference, was attended by twenty-seven senior Western Canadian farm leaders and featured as consultants Dr. G. Burton Wood, Head of the Department of Agricultural Economics, Oregon State University, Dr. Travis Manning, Head of the Department of Agricultural Economics, University of Alberta, and Dr. Richard Baird, Political Science Department, University of Alberta.

Fine Arts

For over three decades the University of Alberta has provided leadership to the Province of Alberta in the development of the arts and particularly painting. In the City of Edmonton, five hundred and fifteen students were

registered in thirty-six classes in Design, Life Painting, Portrait Painting, Drawing Fundamentals, Landscape Painting, Commercial Art, Sculpture and Ceramics. In the rural areas, an additional four hundred and seventy students attended regularly scheduled classes in twenty-three communities of the Province. Annually, representatives of these classes meet in conferences arranged by the Department in the south and the north of the Province to share experiences and exhibit a selection of works undertaken by the students during the year. Among the internationally distinguished artists conducting week-long short courses was James A. S. MacDonald, University of British Columbia, Vancouver.

The annual Summer Festival Programme arranged by the Department of Extension featured the Harvard and Radcliffe Choral Group, a variety of instrumental concerts, organ and strings recital, and a symphony performance. Together with the Banff School of Fine Arts productions and those of the Torches Theatre, a variety of offerings of good quality have thus been made available to persons in the community during the summer months.

Visual Instruction Division

The Visual Instruction Division of the Department of Extension reports a forty per cent increase in the use of the library materials over the previous year. These include film materials provided without charge to University Departments in addition to films, slides and film strips provided to the public at a reasonable charge.

Some experimentation has been undertaken this year in the initiation of programmes centring around first-rate series of documentary materials in world affairs and town planning. In addition to this, the supervisor and his staff have offered work shops, demonstrations, and courses in the general area of audio-visual communication including the utilization of audio-visual materials.

A rather special service of the Visual Instruction Division is the provision, particularly to rural Albertans, of recorded music, drama, and readings. This diversified selection of classical and contemporary music, discussions by famous scholars and foreign language plays continues to be well used by the Alberta public.

During the year, the Visual Instruction Division became a film repository for the National Educational Television Film Service. Their excellent sets of film materials have served an extremely useful purpose in the community.

Extension Library

The main function of the Extension Library is to provide a public library service by mail to residents of Alberta not otherwise served by a library. In addition to this, it has the important responsibility of providing reading materials to students in the extension classes, the provision of books and periodicals for assembly into directed reading courses and study discussion kits, and acting as an information reference centre for readers in the Province.

Over the past ten years total circulation of its book stock of 56,000 volumes has increased by forty-one per cent. During the year under review, there was a modest increase in circulation which totaled 138,770 volumes, a book turnover of 2.5.

The book circulation by means of travelling libraries — boxes of 35 to 40 books, dispatched to community groups — continues to decline while open-shelf circulation, the selection by the reader of individual titles, continues to grow. This would appear to reflect a growing sophistication on the part of the reader, the modest improvement of rural library facilities through inter-library loan, and the improvement of the library collection of the Banff School of Fine Arts which the Department of Extension has supplemented over the years.

Library statistics suggest that the increase in circulation lies in adult borrowing. It is to be hoped that the reading needs of children, which are extremely important, are being met by public school facilities throughout the Province.

Adequate library service is essential to any programme of education. During the year special attention has been given to the selection of reading lists in conjunction with the instructors for students in extension classes. The provision of a central, adequately furnished reading room will facilitate this important development.

Staff

The development of any programme of education is, of course, a direct reflection of the energy, imagination, and enthusiasm of the variety of people who participate in it.

It is a great pleasure, to record the enthusiasm and interest of members of the University staff who have figured so largely both in the instruction and the planning of the extension programme, members of co-operating organizations throughout the Province who have contributed their skills and understanding, organizations whose interest and financial support have made some of the short courses and conferences possible, and members of the staff of the Department of Extension whose untiring efforts, largely in evening hours, has made it possible to sustain a broad programme of continuing education for adults.

During the year, Mrs. Ruth Hood of the Extension Library resigned to make her home in Eastern Canada. Miss Moira English and Mrs. Susan Wells were appointed to the staff of the Extension Library as Assistant Librarian and Cataloguer, respectively.

Mr. D. L. G. Yule was appointed to the staff as Associate Professor, and after many years of faithful service to Alberta, Col. E. W. Cormack, retired in September 1964.

Conclusion

Universities have been described as repositories of knowledge and generators of new knowledge and, in the main, continue to be viewed primarily as institutions in which youth is fitted for leadership in the professions and the

community. The explosion of technology with its impact on society, the need for citizens to play an active role in the democratic process of self-direction, and the increased leisure time which permits individual flowering and development, are realities and must be considered as responsibilities by all educational institutions. It is imperative that any university should provide those opportunities in continuing education which are pertinent to the university's interests and to the needs of adults. In accepting this responsibility, the University of Alberta is serving the Province and is served by it.

Yours respectfully,

Duncan Campbell,
Director.

Table I

LIBERAL ARTS EDUCATION

Modern Languages and Literatures:

	Sponsor	Location	Period	Hours	Attendance
1. Shakespeare		Edmonton	Apr. 6-Jun. 8	20	13
2. Shakespearean Drama		"	Oct. 13-Dec. 15	20	17
3. Conversational French (Section I)		"	Oct. 13-Feb. 23	30	26
4. Conversational French (Section II)		"	Oct. 13-Feb. 23	30	30
5. Intermediate Conversational French		"	Oct. 14-Feb. 24	30	27
6. Advanced Conversational French		"	Oct. 14-Feb. 24	40	14
7. Elementary Oral French (Section I)		"	Oct. 6-May 4	120	22
8. Elementary Oral French (Section II)		"	Oct. 5-May 3	120	21
9. Elementary Oral French (Section III)		"	Oct. 5-May 3	120	14
10. Intermediate Oral French		"	Oct. 6-May 4	120	21
11. Conversational French Level I (Section I)		Calgary	Oct. 1-Feb. 25	30	28
12. Conversational French Level I (Section II)		"	Oct. 1-Feb. 25	30	24
13. Conversational French Level II		"	Oct. 1-Feb. 24	30	23
14. Conversational French Workshop Level III		"	Sep. 30-Mar. 1	30	11
15. Conversational German		Edmonton	Sep. 30-Mar. 1	30	34
16. Intermediate German		"	Oct. 5-Feb. 15	40	
17. Advanced German		"	combined		16
18. Conversational German Level I		Calgary	Oct. 5-Feb. 15	40	38
19. Conversational German Level II		"	Sep. 29-Feb. 23	30	38
20. Spanish for Beginners		Edmonton	Sep. 30-Feb. 24	30	14
21. Conversational Spanish Level I		Calgary	Oct. 6-Feb. 16	40	40
22. Conversational Spanish Level II		"	Sep. 29-Feb. 23	30	35
23. Ukrainian for Beginners		Edmonton	Sep. 30-Feb. 24	36	19
24. Ukrainian		Edmonton	Oct. 6-Mar. 16	36	29
25. Intermediate Ukrainian		Edmonton	Oct. 5-Mar. 15	40	17
26. Ukrainian Literature		"	Oct. 8-Mar. 18	36	15
27. Italian for Beginners		"	Oct. 7-Mar. 17	36	19
28. Conversational Italian		"	Oct. 13-Feb. 23	40	15
29. Norwegian for Beginners		Calgary	Sep. 29-Feb. 23	30	15
30. Essentials of Good English (Section I)		Edmonton	Oct. 5-Mar. 15	40	14
31. Essentials of Good English (Section II)		"	Oct. 5-Dec. 7	15	25
32. Essentials of Good English (Section III)		"	Oct. 5-Dec. 7	15	20
33. Essentials of Good English		"	Oct. 5-Dec. 7	15	20
34. Essentials of Good English (Section I)		"	Oct. 5-Dec. 7	15	20
35. Essentials of Good English (Section II)		"	Oct. 5-Dec. 7	15	20
36. Essentials of Good English		"	Oct. 5-Dec. 7	15	20
37. English Conversation and Discussion		"	Jan. 18-Mar. 22	15	46
38. Effective Reading		Calgary	Sep. 28-Dec. 7	40	25
39. Shakespearean Drama		"	Sep. 30-Dec. 2	40	25
40. Creative Writing		"	Jan. 20-Mar. 24	20	25
41. Creative Writing		"	Jan. 19-Mar. 9	16	8
42. Conversational Russian		"	Jan. 19-Mar. 23	15	30
43. Introduction to General Semantics		Edmonton	Jan. 19-Mar. 23	20	24
44. General Semantics - Advanced		"	Sep. 29-Dec. 1	20	15
45. English Pronunciation and Conversation		Calgary	Jan. 21-Mar. 20	20	9
		"	Jan. 28-Mar. 1	30	20
		"	Sep. 1-Dec. 17	18	24
		"	Feb. 4-Mar. 11	9	11
		"	Sep. 8-Dec. 15	30	19

Religion and Philosophy:

46. The Marvel of Man:
From Psychoanalysis to Parapsychology
47. Via Existentialism and Possibilism
48. Eastern and Western Thought
49. A Question of Values
50. The Jewish View of Man and Society
51. Mores & Morals -
A Philosophical Inquiry
52. A Philosophy of Religion

Edmonton	Oct. 15-Dec.	17	20	25
"	Oct. 13-Dec.	15	20	19
"	Jan. 12-Mar.	30	24	33
"	Feb. 3-Mar.	10	9	65
Calgary	Jan. 21-Mar.	25	15	23
"	Oct. 1-Dec.	3	15	26
"	Jan. 21-Mar.	25	15	20

Study Discussion Programs:

53. Exploring the Ways of Mankind
54. Reading in World Politics
55. Looking at Modern Painting
56. Exploring the Ways of Mankind
57. Exploring the Ways of Mankind
58. Exploring the Ways of Mankind
59. Background to World Affairs

Edmonton	Oct.	-May	24	10
"	Oct.	-May	24	9
"	Oct.	-May	24	9
Rimbey	Oct.	-May	24	7
Red Deer	Oct.	-May	24	18
Edmonton	Oct.	-May	24	8
Lethbridge	Oct.	-May	24	20

Psychology:

60. Psychology: An Introduction to
the Study of Human Behavior
61. The Psychology of Adjustment:
Areas of Stress in Contemporary Society
62. Human Factors in Management
and Supervision
63. Child Growth and Development
64. Behavior in a Child Care Setting
65. Personality Dynamics
66. Man and Culture:
A Short Survey of Anthropology
67. Psychology: An Introduction to the
Study of Human Behavior
68. Understanding Group Behaviour
69. Introduction to Applied Psychology
70. Developmental Psychology
71. Applied Psychology - The Normal
Adult and His Abnormalities

Edmonton	Oct.	5-Dec.	21	24	50
"	Oct.	7-Dec.	8	15	29
"	Oct.	7-Dec.	15	22	45
"	Oct.	15-Dec.	17	20	19
"	Sep. 23-Dec.	9	24	37	
Edmonton	Jan.	12-Mar.	30	18	15
"	Jan.	20-Mar.	24	20	15
"	Jan.	18-Apr.	5	24	78
Calgary	Sep. 30-Feb.	24	40	16	
"	Oct.	1-Dec.	15	15	38
"	Jan.	20-Mar.	15	15	34
"	Jan.	19-Mar.	23	20	35

History, Public Affairs, Political Science:

72. History of the Western World
73. Background to World Affairs
74. Background to World Affairs
75. Lewis Mumford: The City
76. Crisis in Canadian Politics
77. History of Canada:
Two Cultures, Two Truths
78. Peace: The Control of National Power

Edmonton	Oct.	5-Dec.	7	15	18
"	Oct.	1-Dec.	10	22	12
"	Jan.	14-Mar.	25	22	31
"	Jan.	18-Mar.	22	20	22
"	Feb.	8-Apr.	12	25	20
"	Oct.	5-Dec.	7	20	32
"	Oct.	8-Dec.	10	20	30

Table I — Continued

	Sponsor	Location	Period	Attendance
79. Men, Women and the Law				
80. International Affairs		Calgary	Sep. 29-Dec. 1	15
81. Canadian History		"	Sep. 30-Dec. 2	20
82. New Trends in Education		"	Sep. 30-Dec. 2	45
			Sep. 29-Dec. 1	26
			Sep. 29-Dec. 1	17
Social Science:				
83. Society: A short Introduction to Sociology		Edmonton	Oct. 13-Dec. 22	28
84. Criminology		"	Oct. 7-Dec. 9	51
85. North American Indians		"	Oct. 7-Dec. 9	16
86. Survey of Cultural Anthropology		Calgary	Oct. 7-Dec. 9	20
			Jan. 19-Mar. 23	19
			Jan. 19-Mar. 23	15
Household Economics:				
87. Interior Design		Edmonton	Oct. 7-Dec. 9	20
88. Interior Design		"	Jan. 13-Mar. 17	155
89. Textiles		"	Oct. 7-Dec. 9	92
90. Home Management		"	Oct. 7-Dec. 9	27
			Oct. 6-Dec. 8	30
Science:				
91. Astronomy		Edmonton	Oct. 6-Dec. 8	15
92. Organic Chemistry		"	Nov. 5-Apr. 15	48
93. Gems and Gem Materials		"	Oct. 5-Dec. 17	15
94. Fossils of Alberta		"	Jan. 11-Mar. 15	21
95. Petroleum Geology		"	Jan. 26-May 11	15
96. Frontiers of Science		"	Jan. 14-Apr. 1	32
97. Recreational Mathematics		Calgary	Nov. 7-Dec. 5	24
98. High School Enrichment Program		Edmonton	Jan. 25-Feb. 26	174
			10 ea.	11
				414
Lecture Series:				
Sociology, Chemistry, Mathematics, Classics, Physics, Political Science, Commerce, Biology, English, Music				
Laboratory Demonstrations:				
Machine Tool Automation, Diesel and Automotive Laboratory Demonstrations, Medical Laboratory and X-Ray Technology, The World of Electronics, Geophysical and Geological Exploration				
Workshops:				
Crystallography, Inside a Rock - With Hammar and Microscope, Organic Geochemistry, Fossil Faunas of Alberta Ponds and Lakes, Vertebrate Palaeontology, Synthesis of Organic Materials Needed for Research, Basic Principles of Groundwater Hydrology, Hydrometallurgical Process for Production of Iron				

BUSINESS, PROFESSIONAL AND TECHNICAL EDUCATION

Continuing Education in the Professions:

- | No. | Event | Location | Date |
|-----|---|---------------------------------|---------------|
| 1. | Sandstone Research Symposium | Alta. Soc. of Pet. Geologists | May 11-May 15 |
| 2. | Survey of Modern Diets | Alta. Reg. Dietetic Association | May 22-May 27 |
| 3. | Research Seminar in Oil and Gas Law | Dept. of Household Economics | 43 |
| 4. | Group Process | Canadian Petroleum Foundation | |
| 5. | Group Process | | 39 |
| 6. | Critical Path Method | | 15 |
| 7. | Critical Path Method | | 73 |
| 8. | Seminar for Petroleum Landmen | | 25 |
| 9. | Short Course in Traffic Control | | 39 |
| 10. | Institute on Effective Leadership | | 23 |
| 11. | Institute on Effective Leadership | | 4 |
| 12. | Institute on Effective Leadership | | 56 |
| 13. | Institute on Effective Leadership | | 27 |
| 14. | Supervision in Nursing | | 13 |
| 15. | Liberal Studies for Executives | | 42 |
| 16. | Mechanics of Fluids | | 60 |
| 17. | Analytic Geometry and Calculus | | 44 |
| 18. | Income Tax Procedures in Business | | 30 |
| 19. | Teaching Machines and Programmed Instruction | | 30 |
| 20. | Numerical Methods | | 14 |
| 21. | Aspects of Modern Biology | | 49 |
| 22. | Mathematic Refresher for Oil and Gas Conservation Board Engineers | | 14 |
| 23. | Oil and Gas Production | | 14 |
| 24. | Oil and Gas Production | | 35 |
| 25. | Theory and Application of Wireline Logs | | 26 |
| 26. | Theory and Application of Wireline Logs | | 14 |
| 27. | Income Tax Procedures in Small Business | | 27 |
| 28. | Managing Investments | | 14 |
| 29. | Systems Analysis | | 25 |
| 30. | Field Methods in Palaeontology | | 48 |
| 31. | Seminar for Senior Police | | 13 |
| 32. | Management Training | | 38 |
| 33. | Effective Reading (Section I) | | 20 |
| 34. | Effective Reading (Section II) | | 9 |
| 35. | Effective Reading | | 26 |
| 36. | Law in Action | | 18 |
| 37. | Introduction to Work Study | | 30 |
| 38. | Work Study | | 19 |
| 39. | Sales Management | | 20 |
| 40. | Sales Management Seminar | | 24 |

Table I — Continued

Sponsor	Location	Period	Hours	Attendance
41. Sales Management Seminar	Edmonton	May 14-May 15	15	13
42. Sales Management	Calgary	Sep. 28-Dec. 7	13	15
43. Statistics for Businessmen	Edmonton	Jan. 26-Apr. 13	24	25
44. Introduction to Statistics	Calgary	Sep. 28-Mar. 1	40	13
45. Practical Supervision (Section I)	Edmonton	Jan. 27-Apr. 7	24	41
46. Practical Supervision (Section II)	"	Jan. 27-Apr. 7	24	68
47. Problems in Supervision	Calgary	Apr. 6-May 4	10	41
48. Basic Supervision (Section I)	"	Oct. 19-Dec. 7	12	32
49. Basic Supervision (Section II)	"	Oct. 19-Dec. 7	12	26
50. Problems in Supervision	"	Jan. 11-Feb. 22	14	35
51. Communication and Leadership	Red Deer	May 14-May 15	13	31
52. Communication and Leadership	Lethbridge	May 19-May 20	13	35
53. Communication and Leadership	Medicine Hat	May 21-May 22	13	21
54. Communication and Leadership	Grande Prairie	Sep. 9-Sep. 10	12	21
55. Income Tax Procedures in Business	Edmonton	Jan. 18-Mar. 8	12	16
56. Financial Management in Small Business	Calgary	Sep. 29-Dec. 1	20	22
57. Human Relations for Nurses	"	Sep. 15-Dec. 15	28	22
58. Human Relations for Nurses	Lethbridge	Oct. 16-Feb. 5	28	27
Continuing Professional Education for Teachers:				
59. Linguistics	Edmonton	Jul. 6-Jul. 18	33	52
60. Chemistry	"	Jul. 20-Jul. 27	30	92
Computer Courses:				
61. Fundamentals of Computer Programming	"	Sep. 23-Dec. 16	26	18
62. Fundamentals of Computer Programming (Section I)	"	Sep. 22-Dec. 15	26	18
63. Fundamentals of Computer Programming (Section II)	"	Sep. 22-Dec. 15	26	23
64. Fundamentals of Computer Programming	Edmonton	Jan. 26-Apr. 20	26	21
65. Fundamentals of Computer Programming	"	Jan. 27-Apr. 21	26	23
66. What is a Computer - Level I	Calgary	Sep. 2-Sep. 23	8	29
67. What is a Computer - Level I	"	Nov. 3-Nov. 24	8	40
68. What is a Computer - Level I	"	Sep. 3-Sep. 24	8	31
69. What is a Computer - Level I	"	Oct. 5-Nov. 2	8	26
70. What is a Computer - Level I	"	Oct. 8-Oct. 29	8	27
71. Computer Programming for Commercial Application - Level II	"	Sep. 29-Dec. 15	24	24
72. Computer Programming for Scientific Application - Level II	"	Sep. 30-Dec. 16	24	37
73. Computer Application in the Oil and Gas Industry - Level II	"	Oct. 1-Dec. 17	24	27
74. Advanced Computer Program for Commercial Application Business Problems - Level III	"	Jan. 19-Apr. 6	24	10
75. Computer Programming for Commercial Application - Level II	"	Jan. 21-Apr. 8	24	18

76. Computer Programming for Scientific Application - Level II	Calgary	7	24	24
77. Advanced Computer Programming for Scientific Application - Level III	"			
78. Managing Investments	Edmonton	Jan. 20-Apr. 19	22	13
79. Prospecting	"	Jan. 11-Apr. 23	18	78
80. Prospecting	"	Jan. 26-Mar. 7	28	45
81. Audio-Visual Communication Seminar	"	Oct. 22-Dec. 6	37	42
82. Film Programming	"	Jan. 15-Feb. 6	20	15
83. Managing Investments	"	Feb. 4-Feb. 6	8	19
	Red Deer	Nov. 6	14	46
		Oct. 22-Dec. 3		
Certificate Programs				
Management Development Program:				
84. Business Finance	Edmonton	Oct. 19-Apr. 26	50	31
85. Management Accounting and Financial Controls (Section I)	"	Oct. 13-Apr. 13	50	34
86. Management Accounting and Financial Controls (Section II)	"	Oct. 13-Apr. 13	50	33
87. Commercial Law	"	Oct. 13-Apr. 13	50	27
88. Personnel Administration	"	Oct. 13-Apr. 13	50	31
89. Canadian Economic Development	"	Oct. 14-Apr. 14	50	36
90. Business Organization and Administration (Section I)	"	Oct. 15-Apr. 15	50	28
91. Business Organization and Administration (Section II)	"	Oct. 19-Apr. 26	50	33
92. Business Policy	"	Oct. 13-Apr. 13	50	14
93. Marketing	"	Oct. 15-Apr. 26	50	41
94. Business Finance	Calgary	Oct. 19-Apr. 26	50	24
95. Marketing	"	Oct. 19-Apr. 26	50	23
96. Management Accounting and Financial Controls (Section I)	"	Oct. 19-Apr. 26	50	36
97. Management Accounting and Financial Controls (Section II)	"	Oct. 13-Apr. 13	50	35
98. Commercial Law	"	Oct. 13-Apr. 13	50	20
99. Personnel Administration	"	Oct. 13-Apr. 13	50	21
100. Canadian Economic Development	"	Oct. 14-Apr. 14	50	22
101. Business Organization and Administration	"	Oct. 20-Apr. 14	50	34
102. Business Organization and Administration	Lethbridge	Oct. 20-Apr. 14	50	34
Personnel Administration:				
103. Personnel Administration - 3rd Year	Edmonton	Oct. 13-Mar. 9	36	46
104. Personnel Administration - 3rd Year	Calgary	Oct. 14-Mar. 10	36	28
Public Administration:				
105. Assessment Elements	Fairview	Oct. 1-Apr. 30	25	6
106. Assessment Elements	Edmonton	Oct. 1-Apr. 30	50	40
107. Assessment Elements	Red Deer	Oct. 1-Apr. 30	25	7
108. Assessment Elements	Calgary	Oct. 1-Apr. 30	25	17

Table I — Continued

	Sponsor	Location	Period	Hours	Attendance
109. Assessment Elements	Department of Education, Alta. School Sec. Association	Lethbridge	Oct. 1-Apr. 30	25	7
110. Local Government Organization	"	Fairview	Oct. 1-Apr. 30	25	7
111. Local Government Organization	"	Vermilion	Oct. 1-Apr. 30	10	4
112. Local Government Organization	"	Edmonton	Oct. 1-Apr. 30	25	21
113. Local Government Organization	"	Red Deer	Oct. 1-Apr. 30	25	13
114. Local Government Organization	"	Lethbridge	Oct. 1-Apr. 30	25	8
115. Municipal Planning	"	Fairview	Oct. 1-Apr. 30	15	2
116. Municipal Planning	"	Edmonton	Oct. 1-Apr. 30	25	17
117. Municipal Planning	"	Vermilion	Oct. 1-Apr. 30	10	3
118. Municipal Planning	"	Calgary	Oct. 1-Apr. 30	25	10
119. Municipal Planning	"	Lethbridge	Oct. 1-Apr. 30	25	3
120. Municipal Administration	"	Banff	Jun. 8-Jun. 10	18	234
121. School Administration	"	"	Jun. 11-Jun. 13	18	217
Real Estate:					
122. Real Estate - 1st Year	Alta. Real Estate Association	Edmonton	Oct. 1-Apr. 30	46	18
123. Real Estate - 2nd Year	"	"	Oct. 1-Apr. 30	24	12
124. Real Estate - 3rd Year	"	"	Oct. 1-Apr. 30	32	12
125. Real Estate - 1st Year	"	Calgary	Oct. 1-Apr. 30	40	25
126. Real Estate - 2nd Year	"	"	Oct. 1-Apr. 30	30	15
127. Real Estate - 3rd Year	"	"	Oct. 1-Apr. 30	30	10
128. Real Estate - 1st Year	"	Red Deer	Oct. 1-Apr. 30	40	16
Registered Industrial Accountants:					
129. Accounting I - Section 1	Society of Industrial and Cost Accountants of Alberta	Edmonton	Oct. -Apr.	40	39
130. Accounting I - Section 2	"	"	Oct. -Apr.	40	39
131. Accounting I - Section 3	"	"	Oct. -Apr.	40	38
132. Accounting I - Section 4	"	Calgary	Oct. -Apr.	40	43
133. Accounting I - Section 1	"	"	Oct. -Apr.	40	43
134. Accounting I - Section 2	"	"	Oct. -Apr.	40	43
135. Accounting I - Section 3	"	"	Oct. -Apr.	40	44
136. Accounting I - Section 4	"	Edmonton	Oct. -Apr.	40	32
137. Industrial Legislation - Section 1	"	"	Oct. -Apr.	40	32
138. Industrial Legislation - Section 2	"	"	Oct. -Apr.	40	32
139. Industrial Legislation - Section 3	"	"	Oct. -Apr.	40	31
140. Industrial Legislation - Section 4	"	"	Oct. -Apr.	40	40
141. Industrial Legislation - Section 5	"	Calgary	Oct. -Apr.	40	40
142. Industrial Legislation - Section 1	"	"	Oct. -Apr.	40	40
143. Industrial Legislation - Section 2	"	"	Oct. -Apr.	40	41
144. Industrial Legislation - Section 3	"	"	Oct. -Apr.	40	31
145. Industrial Legislation - Section 4	"	Edmonton	Oct. -Apr.	40	31
146. Accounting II - Section 1	"	"	Oct. -Apr.	40	32
147. Accounting II - Section 2	"	"	Oct. -Apr.	40	32
148. Accounting II - Section 3	"	Calgary	Oct. -Apr.	40	39
149. Accounting II - Section 1	"	"	Oct. -Apr.	40	39

Table I — Continued

	Sponsor	Location	Period	Hours	Attendance
Agricultural:					
10. Farm Young People's Week	AWP, FWUA, FUA, Jr. UGG, UFA, Co-op, Faculty of H.E.C., Faculty of Agriculture, Pioneer Grain Ltd.	Edmonton	Jun. 16-Jun. 25	75	87
11. First Alberta Horticultural Judging School	A.H.A., Alta. Dept. of Agriculture, University of Alberta	Olds	Aug. 10-Aug. 15	54	87
12. Fundamentals of Farm Bookkeeping		Correspondence	6 months	15	300
13. Western Canadian Farm Leaders Conference		Banff	Mar. 23-Mar. 26	24	27
14. Rural Leadership Techniques Course		Banff	Jan. 18-Jan. 29	70	40
15. Rural Leadership Conference		Banff	Feb. 22-Mar. 5	70	37
16. Home Gardening		Edmonton	Feb. 23-Apr. 7	20	50
17. Feed Industry Conference		Red Deer	Nov. 18 and 19	20	115
18. Cattlemen's Short Course	Feed Manufacturers Association	Banff	Nov. 30-Dec. 4	30	50
19. Animal Genetics	Department of Agriculture, Faculty of Agriculture	Red Deer	Jan. 12-Mar. 23	20	27
20. Animal Nutrition	West. Stock Growers Association	Lethbridge	Jan. 13-Mar. 24	20	17
CONTINUING EDUCATION IN THE FINE ARTS					
Drama:					
1. Voice Production and Speech Arts		Edmonton	Oct. 13-Feb. 23	35	28
Music:					
2. Church Music and Organ Playing		Edmonton	Jun. 8-Jun. 12	32	28
3. Ear Training and Sight Singing		"	Jan. 18-Mar. 22	15	22
4. Chamber Music Playing Sessions		"	Oct. 5-Dec. 7	20	18
5. Common Sense in Choir Training		"	Oct. 5-Dec. 7	15	25
6. What to Listen for in Music (a)		"	Oct. 6-Dec. 8	18	34
7. What to Listen for in music (b)		"	Jan. 19-Mar. 23	15	59
8. Wagner and the Ring Cycle		"	Oct. 22-Dec. 10	20	11
9. Hymnology		"	Jan. 20-Mar. 24	20	13
Fine Arts Classes - Edmonton:					
10. Portrait Painting		Edmonton	Mar. 30-Jun. 1	20	7
11. Portrait Painting		"	Sep. 28-Feb. 8	40	17
12. Fundamentals of Drawing		"	Mar. 31-Jun. 2	20	11
13. Fundamentals of Drawing		"	Mar. 31-Jun. 2	15	21
14. Fundamentals of Drawing		"	Jul. 6-Jul. 17	20	27
15. Life Painting II		"	Apr. 1-Jun. 3	20	16
16. Life Painting I		"	Apr. 2-Jun. 4	25	7
17. Life Painting I		"	Apr. 9-Jun. 11	20	20

18. Life Painting I	Edmonton	Jul. 20-Jul. 30	38	20	3
19. Fundamentals of Landscape Painting	"	Apr. 1-Jun. 3	30	30	31
20. Fundamentals of Landscape Painting	"	Apr. 4-Jun. 6	30	30	26
21. Fundamentals of Landscape Painting	"	Jul. 20-Jul. 31	30	30	17
22. Design I	"	Sep. 29-Feb. 9	50	50	5
23. Design I	"	Sep. 28-Feb. 8	50	50	14
24. Design I	"	Jan. 9-Mar. 9	15	15	19
25. Commercial Art	"	Sep. 28-Feb. 8	40	40	13
26. Life Drawing and Painting	"	Apr. 3-Jun. 5	20	20	6
27. Life Drawing and Painting	"	Oct. 2-Feb. 19	40	40	11
28. Painting II	"	Oct. 8-Feb. 25	50	50	24
29. Drawing II	"	Mar. 31-June 30	20	20	13
30. Drawing II	"	Sep. 28-Feb. 8	40	40	10
31. Design II	"	Mar. 30-Jun. 1	20	20	7
32. Design II	"	Sep. 28-Feb. 8	40	40	5
33. Design II	"	Jan. 4-Mar. 8	20	20	11
34. Drawing and Painting Workshop	"	Apr. 2-Jun. 4	30	30	15
35. Drawing and Painting Workshop	"	Jul. 20-Jul. 30	20	20	27
36. Drawing and Painting Workshop	"	Jan. 13-Mar. 9	20	20	19
37. Drawing and Painting Workshop	"	Jan. 16-Mar. 20	30	30	34
38. Landscape Drawing and Graphics	"	Jul. 6-Jul. 17	30	30	7
39. Landscape Drawing and Graphics	"	Jul. 20-Jul. 31	30	30	4
40. Sculpture I	"	Oct. 2-Feb. 19	40	40	20
41. Painting III	"	Sep. 30-Feb. 10	40	40	12
42. Ceramics (Section I)	"	Sep. 29-Feb. 9	40	40	13
43. Ceramics (Section II)	"	Sep. 30-Feb. 10	40	40	14
44. Ceramics	"	Jan. 11-Mar. 15	20	20	17

Community Art Classes and Conferences:

45. Workshop for Senior Students	Edmonton	Jun. 8-Jun. 12	30	30	30
46. Northern CAC Conference	"	Mar. 27	325	325	115
47. Southern CAC Conference	Edmonton	May 30	21	21	28
48. Athabasca	Edmonton	Oct. 14-Mar. 31	35	35	37
49. Banff	Edmonton	Sep. 23-Apr. 28	33	33	20
50. Camrose	Edmonton	Sep. 25-Apr. 30	28	28	19
51. Carstairs	Edmonton	Oct. 19-Apr. 26	12	12	19
52. Cochrane	Edmonton	Sep. 28-Apr. 12	28	28	18
53. Drumheller	Edmonton	Sep. 29-Apr. 13	26	26	18
54. Edson	Edmonton	Sep. 25-Apr. 30	40	40	22
55. Fort Saskatchewan	Edmonton	Oct. 20-Mar. 16	26	26	18
56. High River	Edmonton	Oct. 8-Apr. 29	21	21	18
57. Lacombe	Edmonton	Oct. 1-Apr. 15	45	45	8
58. Lacombe Sculpture Workshop	Edmonton	Jul. 23-Jul. 26	20	20	17
59. Leduc	Edmonton	Oct. 13-Apr. 22	14	14	35
60. Medicine Hat	Edmonton	Oct. 9-Apr. 9	12	12	9
61. Pincher Creek	Edmonton	Oct. 16-Apr. 9	29	29	24
62. Ponoka	Edmonton	Sep. 24-Apr. 29	8	8	13
63. Ralston	Edmonton	Nov. 5-Apr. 8	14	14	22
64. Red Deer	Edmonton	Oct. 2-Apr. 2	2	2	19
65. Red Deer	Edmonton	Oct. 2-Apr. 2	2	2	19

Table I — Continued

	Sponsor	Location	Period	Hours	Attendance
66.	Stettler Art Club	Stettler	Sep. 30-Apr. 14	28	32
67.	Vermilion Community Art Club	Vermilion	Sep. 23-Apr. 28	24	15
68.	Viking Art Club	Viking	Oct. 16-Mar. 5	18	20
69.	Vulcan Community Art Group	Vulcan	Oct. 7-Apr. 7	18	12
70.	Wainwright Art Club	Wainwright	Oct. 15-Mar. 4	18	12
71.	Westlock Art Club	Westlock	Oct. 28-Apr. 14	12	23
72.	Wetaskiwin Community Art Class	Wetaskiwin	Oct. 10-Mar. 20	21	12
			GRAND TOTAL	12,684	

STUDENT REGISTRATION

Liberal Arts Education

Enrolment

Modern Languages and Literatures	957	
Religion and Philosophy	211	
Study Discussion Programs	81	
Psychology	411	
History, Public Affairs, Political Science	265	
Social Science	123	
Household Economics	304	
Science	279	
High School Enrichment Program	414	
Continuing Education for Women	47	3,092

Business, Professional and Technical Education

Continuing Education in the Professions	1,041
Management Training	765
Continuing Professional Education for Teachers	144
Computer Courses	654

Certificate Programs

Management Development Program	557	
Personnel Administration	74	
Public Administration	616	
Real Estate	108	
Registered Industrial Accountants	1,646	5,605

Community Conferences 1,434

Agricultural 837

Continuing Education in the Fine Arts

Drama	28	
Music	210	
Fine Arts Classes - Edmonton	515	
Community Art Classes and Conferences	963	1,716

TOTAL 12,684

Table II — Statistical Information, Extension Library

CIRCULATION OF BOOKS

Open Shelf

	1963-64	1964-65	Difference
Adult books (including periodicals and sets of pamphlets	86,580	90,125	3,545
Children's books	47,468	45,597	-1,871
	<u>134,048</u>	<u>135,722</u>	<u>1,674</u>

Travelling Libraries

No. of Travelling Libraries:

	1963-64	1964-65
Adult	53	49
Mixed	24	12
Children's	7	3
	<u>84</u>	<u>64</u>

Circulation	3,156	2,754	-402
Banff School	470	294	-176
Total Circulation	<u>137,674</u>	<u>138,770</u>	<u>1,096</u>

Memberships

April 1, 1964, to March 31, 1965	2,025
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Collection

No. of books at April 1, 1964	56,257
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Accessions during the year	3,275
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Withdrawals during the year	487
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2,788

No. of books at March 31, 1965	<u>59,045</u>
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Table III — Statistical Information, Division of Visual Instruction

Number of Motion Picture Films in Library:

8mm	150
16mm	3,653
Total Motion Picture Films in Library	3,803
Total Motion Picture Films added to Library 1964-65	166
Number of Filmstrips in Library	3,353
Number of Slide Sets in Library	188
Number of Records in Library	1,166
Number of Tapes in Library	19
Number of Pieces of Audio-Visual Equipment available for Loan or Rental	84

Audio-Visual Materials Circulation

		1964-65	1963-64
	Intra-Mural	Extra-Mural	Total
Number of 8mm Motion Picture Subjects Circulated	7	233	240
Number of 16mm Motion Pictures Subjects Circulated	1,788	12,524	14,312
Total No. Reels of 16mm Motion Picture Films Circulated	4,062	23,621	27,683
Number of Filmstrips Circulated	277	4,512	4,789
Number of Records Circulated		6,457	6,457
Number of Record Lending Service Memberships		211	211
Number of Times Audio-Visual Equipment Supplied	900	527	1,427
Number of Times Projection Service Supplied	165	33	198
Number of Times Screening Room Facilities Used	300	64	364
Number of Orders Processed — Total Library			12,092
			12,328





53rd ANNUAL REPORT

ON EXTENSION ACTIVITIES

1966

The University of Alberta

Annual Report on Extension Activities

THE UNIVERSITY OF ALBERTA

ANNUAL REPORT

on

Extension Activities of the University
of Alberta

for the year ending March 31st
1966

Published by

Department of Extension, University of Alberta
Edmonton, Alberta

Annual Report on Extension Activities

of the

THE UNIVERSITY OF ALBERTA

for the year ending March 31st, 1966

Dr. Walter H. Johns,
President,
University of Alberta.

Dear Mr. President:

I have pleasure in presenting the fifty-third annual report on the extension activities of the University for the year ending March 31st, 1966.

That rapid change is a characteristic of modern technology and thus a condition of our society is indisputable. The University is involved in these changes and for half a century has interpreted these changes to the University's constituency. This report records the ways in which the University, through its extension activities, has offered its intellectual resources to the people of the Province in lectures, classes, conferences, publications, radio and television broadcasts, and by a wide variety of informal assistance to Alberta organizations.

The function of the University's Department of Extension is to assist in identifying continuing education needs in the Alberta community and, through the co-operation of the faculties and departments of the University, to develop training and education programmes to meet these needs. Requirements in continuing education continue to grow in variety and complexity. Among the broad areas to which the University's extension programme has been particularly directed are technical, professional and post-degree education, opportunities for intellectual, cultural and creative activity, citizenship education for civic literacy and public responsibility, and education for international co-operation and improved international relations. As the character of Alberta society changes the vehicles for this informal education must also change. Among programmes currently being offered are short courses, evening classes, conferences, seminars, public lectures, preparation of study discussion materials, directed reading programmes, film-based discussion programmes and public conferences assisted by television and long-distance telephone hook-ups. Of increasing importance are the longer and more sustained programmes of instruction, not only in the vocational areas but in the fine arts. All of these are appropriately supplemented with resources drawn from the Department's Visual Instruction Division and the Extension Library.

It will be obvious, of course, that quite apart from the planned programme and services outlined in the report which follows, many members of the staff of the University of Alberta, in various places of the Province and in differing ways, have lent their services to groups and individuals in formal and informal learning situations.

Liberal Education

It is a commonplace, of course, that the main task of any university, in addition to developing the cutting edge of knowledge, lies in providing access, in all of the ways in which this can be accomplished, to the world's storehouse of knowledge. The University in its extension programme opens the minds of the great philosophers and humanists to its adult registrants, points to and gives basis for discussion of the great issues of the day, and introduces adult students to the findings of the social sciences. In a half-century which has witnessed two cataclysmic world wars, incredible technological advance, the reshuffling of rural and urban populations, a knowledge explosion, and an assortment of the mixed blessings of material progress, the importance of the insights provided in this part of the extension programme is clear.

Much of the work in the extension programme in Liberal Studies is carried on through the evening class programmes in periods of instruction ranging from twenty to one hundred and twenty hours each term per class. The evening class programme in Edmonton continues to grow gradually. Public interest remains high in the field of modern languages, the social sciences, literature, religion and philosophy. There is a strong interest in courses in criminology which have become a regular offering to law enforcement officers, probation officers, prison wardens and their staffs. Among new approaches in programming developed during the year were two public lecture series. The first of these, *The Process of Change in Man and Society*, comprised lecture-discussions prepared by ten members of the University of Alberta staff and offered an interpretation of the nature of change and its effect upon man and society. The disciplines represented included anthropology, sociology, English literature, psychology, philosophy, economics, education and political science. The second series, *Science and Society*, in parallel fashion, undertook to relate scientific developments to social needs.

A practical course in archeology was offered for the first time in Alberta during the year. This course combined experience in digging at an archeological site near Wetaskiwin with a lecture series and laboratory sessions which attempted to assess the significance of the artifacts found and to provide a general theoretical base to students on archeological procedures and research.

In co-operation with the Red Deer Junior College, an extension of the University's evening class series was made to Red Deer. The initial range of subjects offered included French language, psychology, painting and drawing (three classes), investment management, income tax procedures, commercial law, fertilizers and plant nutrition.

Two programmes designed for professional educators in the Liberal Studies area are of particular interest. The first, a programme of *Continuing Professional Education for Teachers*, this year continued to serve the special interests of fully qualified teachers wishing to refresh themselves on new developments in their subject fields. Offered during the summer session, these courses tend to be more specialized than those offered in the intra-mural programme and explore innovations in the subject field with their related teaching problems. Subject areas in this programme included linguistics, chemistry, physics, mathematics and biology. This programme is arranged in consultation with the Department of Education, the Alberta Teachers Association, and the Alberta School Trustees Association, and is sponsored jointly by the Faculty of Education and the Department of Extension. Recognition of the participation of

the one hundred and ninety-one teachers in these classes is made by school boards which provide subsidies to their staff members attending.

The *High School Enrichment Programme* is intended to provide an opportunity to senior high school students to participate in classes on the campus and in the atmosphere of the University's intra-mural programme. In its three sections, this programme provides a lecture series in a variety of subjects, eleven workshops conducted by staff members of the Research Council of Alberta, and six laboratory sessions as noted in Table I. A co-operative arrangement with the Northern Alberta Institute of Technology made possible the direction of students to that Institution as well. Some four hundred and forty-four high school seniors were involved in this programme.

Rapidly increasing interest of Alberta groups is evident in the area of human relations, and in particular the application of research findings in the fields of social and industrial psychology, group dynamics, sociology and social anthropology, to the practical problems of building teamwork and group effort within the organization. Two residential programmes of particular significance are the *Group Process Institutes* conducted in May by Dr. James F. Bugental, Chairman of Psychological Service Associates, Los Angeles, and in September by Dr. Robert Tannenbaum of the University of California, Los Angeles. Related to these was a project jointly undertaken with the University of Saskatchewan for the purpose of preparing staff members for course work in this area of "sensitivity training". Initially directed towards professional workers in the "helping" professions—social work and related fields—increasing numbers of individuals from business and professional organizations are attending these classes. Various evening classes introduced during the year, in addition, have included *Interviewing and Counselling*, in conjunction with the University of Alberta Hospital, *Family Relationships in Modern Society*, and a series of two-day periods of instruction for nursing directors arranged at Lethbridge, Grande Prairie and Red Deer. A short course, *Communications in Supervision*, designed for management personnel was instructed by Dr. D. C. Barnlund of San Francisco State College.

In the area of public affairs an important contribution of the University has been a public lecture series. Distinguished members of the staff of the University of Alberta presented nine lectures in Lethbridge, Medicine Hat, Grande Prairie, Red Deer and Vermilion, under the auspices of either the local community college, an alumni group, or an interested organization.

For Albertans unable to participate in classes or seminars a series of experimental study-discussion programmes has been developed and presented at various points in the Province. In essence these comprise carefully chosen and carefully organized packages of discussion materials which may include books, films, recordings, tapes and pamphlets. They are designed to be useful both to the individual and to community organizations in their programmes of informal education. The project is experimental in Alberta and obviously its potential success will depend much on the co-operation of community organizations.

Special projects in the area of public affairs undertaken by the Department during the year include a *National Conference on the Canadian Slav*, held in Banff, June 9th to 12th, attended by one hundred and twenty-three delegates from Canada and the United States, and a special conference undertaken in co-operation with the Peace River District Home and School Association, *A Consultation on Metis-White Relations*.

BUSINESS, PROFESSIONAL AND TECHNICAL EDUCATION

The development of new processes, the refinement of procedures and systems, the application of computing machines to business data, and the requirement of management for greater sophistication in administration, are well-known facts of Canadian economic life. A response to this requirement for continuing education in business, professional and technical areas by the University of Alberta is suggested by the wide variety of programmes detailed in Table I. These range, as will be noticed, through the fields of accounting and finance, economic development, marketing, personnel administration, local government, computing science, labour relations, work study and farm record keeping, to name a few. Instruction in some of these subject areas is offered through the medium of intensive short courses or seminars. Increasingly, however, the numbers of integrated, sustained programmes of training over periods of three to four years are being developed.

Among these is the *Management Development Programme* designed in co-operation with the Faculty of Commerce of the University, to serve executives. This programme comprises nine courses, each of fifty hours duration, in the fields of economics, accounting, finance, personnel, marketing, production, administration, commercial law and business policy. An Advisory Committee representing the University and the business community provides the necessary careful scrutiny of the programme itself and of the work of the students enrolled. Four hundred and eight students were registered in this programme.

A *Certificate Programme in Personnel Administration*, developed in conjunction with the Faculty of Commerce and comprising two hundred and forty hours of instruction in eight courses, provides in its manner of presentation a high degree of flexibility to the adult student which permits him to adjust his course load to his regular day-time commitments in any three month period. One hundred and seventy-five students were enrolled in five courses offered during the 1965/66 term. Successful completion of the programme, as determined by the joint University-Personnel Association Advisory Committee, is recognized by a certificate issued by the Federation of Canadian Personnel Associations.

In association with the Canadian Bankers Association, members of the University staff offered instruction in a *Certificate Programme in Banking* offered by that Association and based on a curriculum designed by Queen's University. Thirty-five students were enrolled in the initial programme begun during the 1965-66 term.

For over two decades a thorough-going programme of training in accounting, industrial legislation, cost accounting and statistics has been offered by the Department in conjunction with the Society of Industrial and Cost Accountants of Alberta. The R.I.A. designation, the culmination of successful completion of this programme, is one now widely recognized by industry in Canada. Enrolments in this programme increased by fifteen per cent over the previous year, to nine hundred. The University shares in the design of this programme of instruction, in this instance through a national committee.

The work of the Department in local government training, instituted in 1958, places emphasis on the elements of assessment, local government organization, municipal planning, school administration and local government accounting. A *Certificate Programme in Local Government*, of four years' duration, is offered to students who are now officers of provincial municipalities.

Two hundred were registered during this term. The Advisory Committee through which the Department conducts this programme represents the Provincial Government, the central municipal organizations, and University departments. This work is supplemented by the week-long *Refresher Course in School Administration*, and *Refresher Course in Municipal Administration*, now in their twenty-seventh and twenty-first year respectively as annual events.

Programmes of continuing education in the professions currently account for approximately ten per cent of total student registrations in the University's extension programme. Training courses for professionals in the areas of education, pharmacy, law, engineering, geology, dietetics, medicine, and agriculture, were organized during the year with the advice and co-operation of the relevant professional organizations and university faculties concerned. Many of these featured as consultants and lecturers distinguished practitioners from across the continent and abroad. Mr. John Fondahl of Stanford University undertook instruction in *Critical Path Scheduling* for engineers; Dr. L. L. Sloss of Northwestern University, Dr. L. V. Illing of London, England, and Dr. G. Richter-Bernburg of the University of Gottingen, Germany, conducted the Fifth Annual Symposium in the Earth Science Series on the subject of *Evaporites and Related Rocks*; Dr. Carl M. Olsen of Litton Industries, California, and Dr. William C. Brown of the Raytheon Company, Burlington, Massachusetts, took part in the First *Symposium on Microwave Power*.

AGRICULTURAL EXTENSION

The Department in its role in agricultural extension undertakes the responsibility for the development of agricultural publications, the preparation of specific courses in agricultural technology, which reflect current university research, and for programmes of training in rural leadership development for members of Alberta's farm organizations.

During the year the following publications have been printed for distribution:

1965 Feeders' Day Report

An Analysis of Wheat Breeding Research in Western Canada

Sheep Production in Alberta

Entomology Leaflets

Cherry Point and Hines Creek Soil Survey Report

1965 Agricultural Bulletin

The People and Resources of Northern Alberta

Soils and Fertilizers for Alberta Lawns and Gardens

Other publications in preparation include *Cattle Finishing in Alberta*, *Woody Ornamentals for the Prairies*, and *Production of Beef Calves in the Peace River District*.

Representative of its work in technical agriculture was the annual *Cattleman's Course* offered in conjunction with the Western Stockgrowers Association and the Faculty of Agriculture, to forty registrants. The programme emphasized breeding methods, herd selection, nutrition, and veterinary problems. Among the staff contributing to this programme were Dr. O. M. Radostits, Western College of Veterinary Medicine, University of Saskatchewan, Dr. L. A. Swiger, Animal Science Department, Ohio State University, and Dr. Conrad J. Kercher, College of Agriculture, University of Wyoming. *The Feed Industry Conference*, an annual event, was held in Red Deer this year with one hundred and twenty persons in attendance. Home study courses in agriculture prepared

and offered during the year included *Fundamentals of Farm Bookkeeping*, *Advanced Farm Record Keeping*, and *Agricultural Pesticides*.

In the area of leadership training the annual residential courses offered in conjunction with Alberta's farm organizations included *Farm Young People's Week*, this year in its forty-eighth year, a *Rural Leadership Techniques Course* and a *Rural Leadership Conference*, and the *Western Canadian Farm Leaders Conference*. These are annual events offered over many years which, at various levels of sophistication, deal with leadership principles and selected problems in agricultural economics, rural sociology and politics.

The work of the University in this field has been given recognition by an initial grant of \$153,000 through the Agricultural Rehabilitation and Development Act which will make possible an increased emphasis on developmental work in rural leadership and community development.

FINE ARTS

In its programme of instruction in drawing and painting the University of Alberta, through its Department of Extension, has given leadership to the Province for well over thirty years. The objectives of this programme are the fostering of an awareness and development in each student of his individual potential for creativity and an appreciation for this medium of communication. Throughout the range of the programme, classes are so arranged that the student has access to instruction in a variety of art media and techniques in basic courses, and subsequently progresses towards concentration in a single area of his own choosing in which he can plan and develop his full creative potential.

The Department's work in drawing and painting includes the Community Art Class Programme which offers instruction during the term in twenty-seven Alberta communities to six hundred and twenty students. Instruction is offered under the direction of members of the staff of the Department of Extension and by Alberta painters engaged for the purpose. Instruction centres this year included Banff, Red Deer, Wetaskiwin, Medicine Hat, Pincher Creek, Drumheller, Stettler, Camrose, Edson, Athabasca, Westlock, Viking, Wainwright, Vulcan, Lacombe, Ponoka, Vermilion, Cochrane, High River, Ralston and Taber. An additional seven hundred and seventy-seven students are registered in forty-five classes held in Edmonton for which facilities unequalled in Western Canada are available.

This instruction in both rural and urban classes is supplemented in a variety of ways. Advanced classes were offered under the direction of Alex Colville of New Brunswick, Walter Hook of Montana, and Jacques de Tonnacour of Montreal, each distinguished contributors to North American painting. Two *Provincial Conference Exhibitions*, in Banff and Edmonton, provided an opportunity to students to meet other specialists in painting and to discuss each other's work.

Evening classes in ceramics, sculpture and graphics are important new additions to the University's extension programme in the Fine Arts, and feature well appointed and equipped laboratory facilities. One hundred students were enrolled in the eight classes in these areas offered during the current year.

The *Summer Festival Programme* of concerts, films and lectures was attended by forty-two hundred people. The concert series included a piano and cello recital by Claude Kenneson of the University of Alberta staff and

Sylvia Hunter; a string trio comprising the well-known Canadian artists Isabel Moore, Peggy Samson and Thomas Rolston; an organ and strings concert with one of Canada's leading organists, Hugh Bancroft, and a string ensemble. These various programmes featured the music of Le Clair, Dvorak, and Prokofieff. An addition of particular interest to the Summer Festival Programme was the introduction of the "Experimental Big Band" under the direction of Zen Magus.

VISUAL INSTRUCTION DIVISION

The Visual Instruction Division holds the distinction of being the oldest educational film library in Canada with the largest university-based film collection. Apart from its services in the distribution of its film, filmstrips, slides, tape and record materials, it offers a variety of programmes of instruction in the utilization of educational media to provincial organizations, professional and faculty groups.

The use of the Division's materials shows a general increase with shifts of emphasis indicated by circulation statistics. Intra-mural use of films, for example, has doubled in the past three years and the demands on the staff of the Division for instruction in audio-visual communications have increased substantially. Consultation with educators and others throughout the Province and the provision of technical information and reference materials is an important part of the Division's work. The library of records, which includes not only music but poetry, drama, and lecture materials, is increasingly better used as it becomes more widely known. Memberships have doubled in the past two years to two hundred and sixty-five.

The Division continues to improve the quality and diversity of materials in its library. Older materials have been withdrawn and new slide sets, overhead transparencies and tape recordings have been acquired. Two hundred and eighty-seven 16 mm. motion picture subjects were added to the Division's library in the course of the year.

EXTENSION LIBRARY

The functions of the Extension Library over the fifty years of its service to the Province have included the provision of a public library service by mail to residents of the Province not otherwise served, responsibility as an information and reference centre to readers throughout the Province, and the important responsibility of providing supplementary reading to students in the extension classes. Among the additional responsibilities it has assumed are the provision of books and materials for assembly into directed reading programmes and study discussion kits for individual students. In its relations with community libraries throughout the Province the Extension Library makes available on request boxes of books in special areas, inter-library loans, and a reference service. Over the past ten years the total book circulation in the Extension Library has increased by fifty-five per cent to sixty thousand volumes.

While library circulation has increased during the year by fifteen per cent the trend evident over a number of years has been in the direction of greater circulation from the open shelf to individual readers. The circulation of travelling libraries—boxes of thirty-five to forty books to points across the Province—has tended to stabilize itself for the time being.

This report records with satisfaction a modest increase in the circulation of books to students in extension classes, which appears to be a reflection of the more adequate reading-room facilities now available in Corbett Hall. Adequate library service is, of course, essential to any programme of continuing education and it is important that the adult in his informal education should not be neglected. Increasingly, attention is given to the preparation for the student's use, immediately and in the future, of book lists prepared with the co-operation of class instructors.

STAFF

Through participation in short courses, classes and conferences which this report records, through radio and television appearances, and private consultation with Alberta community organizations, members of the staff of the University of Alberta have actively related themselves to the life of the Province. It is a pleasure here to record the many and varied contributions of other persons from business and the professions from off the campus.

Special tribute is due members of the staff of the Department of Extension whose energy, imagination and skill have, in a special way, made possible this reaching out of the University's resources to the community. A noteworthy example is the assistance rendered by various members of the Department to the establishment of the Metropolitan Edmonton Educational Television Association which is giving leadership to Canada in the development of this medium of education.

During the year the Director acted as consultant to the University College of Rhodesia, Salisbury, on behalf of the Carnegie Corporation, and as a consultant to the Ministry of Lands of the Government of Tanzania under the auspices of The Ford Foundation.

By decision of the Board of Governors of the University of Alberta, confirmed by the University's Senate, the Department's extension programme in Calgary was turned over to the direction of the University of Calgary, which will have specific responsibility for the Calgary Metropolitan area.

CONCLUSION

This report is by way of summary of some of the University's contributions to the community through the medium of continuing education. This is an important aspect of the University's life in the community. One can, in this age of rapid technological advance and shifting balance in society, willingly accept the conclusion that institutions of higher education, wherever they may be, have a distinct responsibility for the education of adults in the community in which they serve, other than undergraduate and post-graduate students.

The job of the Extension Department, in the words of Henry Marshall Tory, the first President of the University, "is to find out from the people what the university can do for them beyond the class-room and the laboratory". This assertion is still the operating base for the extension activities of the University. The role of an Extension Department must be much more than that of setting up physical facilities and undertaking scheduling. The members of its staff must function as educational planners; they must, with perception, be able to interpret the needs of the community; on occasion to bring a variety of the disciplines of the University together in serving adult needs. In their close relationship with the community they must bring into focus the intel-

lectual resources of the University on community needs in education. Nor are the benefits solely those of the community. There can be little doubt that the University, as it serves the educational needs of the adults of the Province, serves itself.

Yours respectfully,
DUNCAN CAMPBELL,
Director.

TABLE I
COURSES, CLASSES AND CONFERENCES

	Sponsor	Location	Period	Hours	Attendance
LIBERAL ARTS	Science				
	Archaeology				
	Astronomy				
	Science and Society				
	Physical Fitness for Men	Wetaskiwin	Aug. 16-Sept. 24	95	16
	Physical Fitness for Men	Edmonton	Oct. 12-Dec. 14	15	25
		"	Jan. 12-Mar. 16	15	25
		"	Oct. 4-Dec. 8	44	44
	Physical Fitness for Men		Jan. 5-Mar. 14	20	29
Modern Languages and Literature	Elementary Oral French		Oct. 4-May 19	120	22
	Elementary Oral French		Oct. 5-May 12	120	21
	Intermediate Oral French		Oct. 5-May 17	120	21
	Intermediate Oral French		Oct. 5-May 17	120	14
	Advanced Oral French		Oct. 12-Mar. 8	30	23
	Conversational French, Section I		Oct. 14-Mar. 17	30	22
	Conversational French, Section II		Oct. 18-Mar. 21	40	20
	Conversational French	Red Deer	Oct. 13-Mar. 9	30	19
	Intermediate Conversational French	Edmonton	Oct. 4-Mar. 7	40	18
	Conversational German, Section I	"	Oct. 4-Mar. 7	40	19
	Conversational German, Section II	"	Oct. 5-Mar. 1	40	15
	Intermediate & Advanced German	"	Oct. 12-Mar. 8	40	23
	Spanish for Beginners, Section I	"	Oct. 12-Mar. 8	40	23
	Spanish for Beginners, Section II	"	Oct. 19-Mar. 15	30	16
	Intermediate Spanish	"	Oct. 5-Mar. 1	40	13
	Italian for Beginners	"	Oct. 5-Mar. 29	36	19
	Ukrainian for Beginners	"	Oct. 6-Mar. 30	36	13
	Ukrainian Literature	"	Oct. 6-Mar. 30	36	14
	Russian for Beginners	"	Oct. 4-Mar. 7	40	20
	Essentials of Good English	"	Oct. 4-Mar. 7	40	19
	Essentials of Good English	"	Oct. 6-Mar. 30	48	20
	Effective Reading	"	Jan. 19-Apr. 27	30	25
	Written Business Communication	"	Jan. 12-Dec. 14	20	15
	Modern Drama	"	Oct. 15-Mar. 11	30	37
	The Novel and the 20th Century	"			
Philosophy and Religion	Process of Change in Man and Society		Oct. 6-Dec. 8	15	68
	Story of the Jew in History	"	Oct. 13-Dec. 15	15	15
	Anatomy of Judaism	"	Jan. 12-Mar. 16	15	11
	Religion, Science & Civilization	"	Oct. 6-Dec. 8	20	17
	Introduction to Philosophical Thinking	"	Oct. 7-Mar. 10	30	41
	Three Thousand Years of Philosophy	"	Oct. 12-Dec. 14	20	51
	Three Thousand Years of Philosophy	"	Jan. 12-Mar. 16	24	35
	Liberal Studies for Executives	Edmonton-Banff	Oct. 7-Feb. 26	20	19

Subject	Location	Date	Per subject
Household Economics			
Textiles	Edmonton	Oct. 17	8
Interior Design	"	Oct. 6-Mar. 2	2
Home Management	"	Jan. 11-Mar. 15	15
Social Sciences			
Introduction to Social Anthropology	"	Oct. 7-Mar. 10	40
Sociology	"	Oct. 5-Dec. 7	20
Criminology	"	Oct. 20-Feb. 9	23
Psychology: An Introduction to the Study of Human Behaviour	"	Oct. 4-Jan. 10	24
Psychology: An Introduction to the Study of Human Behaviour	"	Oct. 17-Apr. 4	24
Psychology	Red Deer	Oct. 8-Dec. 10	16
Child Growth and Development	Edmonton	Oct. 14-Jan. 13	20
Physical Education for Handicapped Children	"	Oct. 4-Dec. 13	20
History and Public Affairs			
Aspects of International Law	"	Mar. 8-Apr. 12	12
Why Asia!	"	Jan. 25-Mar. 1	9
Canada '66 Prospects for Change	"	Oct. 12-Apr. 4	18
Background to World Affairs	"	Oct. 6-Dec. 8	15
World Population Explosion	"	Jan. 25-Apr. 5	26
Health of a Nation	"	May 5-May 24	15
National Conference on Canadian Slavs	"	May 5-May 24	33
History of the Western World			
Comparative Government	"	June 9-June 12	117
	"	Oct. 4-Dec. 13	20
	"	Jan. 12-Mar. 16	20
High School Enrichment Lecture Series			
Physics, A Survey of Organic Chemistry; Administration; Medicine; Psychology; Philosophy; History; English; Art; Classics; Mathematics. Workshops: Organic Chemistry of Vegetable Oils, Animal Fats and their Industrial Applications; Same Physics, A Survey of Organic Chemistry; Administration; Medicine; Psychology; Philosophy; Mathematics. English; Art; Classics; Mathematics. Aspects of Metals Examination; The Basic Principles of Groundwater Hydrology and their Application to Water Well Tests; Iconoclasm; Special Relationships of Plastics to the Petroleum Industry; Weather Observations and the Weather Man; Vertebrate Paleontology of the	Strathcona County, Alberta College, Fort Saskatchewan, Edmonton Public School Board, Protestant Separate School District No. 6, St. Albert School District No. 3, Edmonton Separate School Board	Feb. 2-Mar. 3	10 per subject

Table I—Continued

Sponsor	Period	Attend- Hours since
Pleistocene Epoch; Introduction to Gas Chromatography and Determination of Sample Peaks as a Function of Sample Size; Organic Chemistry in Molecular Biology; Aerial Photographic Interpretation; The Synthesis of Organic Materials Needed for Research. Laboratory Demonstrations; Diesel and Automotive Laboratory Demonstrations Medical Laboratory and Medical X-ray Technology; Microwave and Radar Demonstrations; Geophysical and Geological Exploration; Modern Machine Tool Technology Automation.		
FINE ARTS		
Music		
Bela Nagy Master Class in Piano Basis of Music	Nov. 22-Nov. 23	11
What to Listen for in Music	Oct. 4-Mar. 7	30
	Oct. 4-Mar. 1	35
Drama		
Advanced Actors Workshop	Oct. 9-Mar. 19	40
Playwright's Workshop	Jan. 18-Mar. 23	40
Voice Production and Speech Arts	Oct. 12-Mar. 8	35
		17
		12
		25
Drawing and Painting		
Portrait Painting	Mar. 29-June 14	20
Basic Drawing	Mar. 31-June 9	25
Landscape Drawing & Painting	Mar. 31-June 25	25
Landscape Drawing & Painting	Apr. 3-June 5	25
Landscape Drawing & Painting	Apr. 3-June 25	17
Advanced Landscape Drawing & Painting	Mar. 31-June 9	25
Drawing & Design	Apr. 1-June 3	25
Life Drawing	Apr. 2-June 4	14
Advanced Drawing	Apr. 2-June 14	25
Graphic Workshop	Mar. 29-June 14	25
Portrait & Life Drawing	Mar. 29-June 7	20
Studio Workshop	Mar. 30-June 8	16
Alex Colville Master Class in Drawing and Painting	Mar. 30-June 8	7
Walter Hooke Master Class in Painting and Composition	Mar. 30-June 9	20
Landscape Drawing & Graphics	Apr. 19-Apr. 23	25
		26
		16
		13

Landscape Painting
 Drawing and Painting
 Printmaking
 Children's Art
 Drawing I, Section I
 Drawing I, Section II
 Drawing II
 Drawing III
 Commercial Art
 Basic Drawing
 Portrait Painting II
 Design I, Section I
 Design I, Section II
 Life Drawing & Painting
 Painting I, Section I
 Painting I, Section II
 Painting III
 Landscape Painting
 Painting II
 Fundamentals of Drawing & Painting
 Printmaking, Design I
 Life Drawing & Painting
 Fundamentals of Drawing & Painting
 Fundamentals of Drawing & Painting
 Landscape Painting
 Drawing & Painting Workshop
 Drawing & Painting Workshop
 Drawing & Painting Workshop
 Northern Alberta Art Conference
 and Exhibition
 Southern Alberta Art Conference
 and Exhibition
 Drawing and Painting
 Fundamentals of Drawing & Painting
 Drawing & Painting II
 Landscape Workshop
 Banff Short Course
 Westlock Landscape Short Course
 Red Deer Landscape Short Course
 Athabasca Landscape Short Course
 Red Deer Drawing & Painting II
 Red Deer Drawing & Painting I
 Community Art Classes

Wainwright & Viking Art Clubs
 Banff Community Art Class
 Westlock Art Club

Athabasca Art Club

Athabasca Art Club
 Banff Community Art
 Camrose Art Club
 Cochrane Art Club
 Drumheller Art Club

Lacombe Art Club
 Leduc Art Club

Lethbridge
 Edmonton
 Red Deer
 Fabian
 Banff
 Westlock
 Red Deer
 Athabasca
 Red Deer
 Athabasca
 Banff Community Art
 Camrose
 Cochrane
 Drumheller
 Edson
 Lacombe
 Leduc
 Medicine Hat

July	12-July	23	25	20
July	26-Aug.	6	25	27
July	23-Aug.	6	25	11
Aug.	2-Aug.	13	20	16
Sept.	27-Mar.	14	65	24
Sept.	27-Mar.	14	65	21
Sept.	27-Mar.	14	65	16
Sept.	27-Mar.	16	78	13
Sept.	27-Mar.	16	52	11
Sept.	27-Mar.	15	65	6
Sept.	28-Mar.	15	54	19
Sept.	28-Mar.	17	65	9
Sept.	28-Mar.	17	65	18
Sept.	28-Mar.	17	65	10
Oct.	13	13	65	23
Oct.	6-Apr.	16	65	18
Sept.	30-Mar.	18	78	10
Sept.	29-Mar.	17	30	21
Sept.	15-Mar.	14	78	18
Oct.	7-Apr.	16	65	24
Sept.	30-Mar.	19	65	12
Oct.	1-Mar.	19	65	26
Oct.	1-Mar.	9	65	20
Oct.	1-Apr.	15	65	19
Sept.	28-Mar.	20	25	14
Sept.	18-Mar.	16	25	19
Jan.	12-Mar.	19	25	13
Jan.	15-Mar.	19	25	12
Jan.	15-Mar.	19	25	12
Mar.	26	250		
May	8	120		
Sept.	6-Sept.	10	25	25
Oct.	6-Mar.	9	50	16
Oct.	7-Mar.	10	50	21
May	26-May	27	9	18
May	20-May	22	10	20
Jan.	21-Jan.	24	15	17
July	5-July	9	25	28
Sept.	9-Sept.	11	10	20
Oct.	7-Apr.	27	45	18
Oct.	6-Apr.	20	40	18
Oct.	20-Apr.	20	18	24
Sept.	29-Apr.	27	45	26
Oct.	1-Apr.	28	40	31
Oct.	4-Apr.	18	30	16
Oct.	5-Mar.	29	17	17
Oct.	22-Apr.	1	30	20
Oct.	7-Mar.	31	18	18
Oct.	5-Mar.	8	25	18
Oct.	14-Apr.	28	25	33

Table I—Continued

Sponsor	Location	Period	Hours	Attendance
Pincher Creek Sketch Club	Pincher Creek	Nov. 5-Nov.	8	36
Nanton Art Club	Nanton	Oct. 16-Apr.	16	15
Ponoka Art Club	Ponoka	Oct. 8-Apr.	1	18
Ralston	Ralston	Oct. 13-Apr.	27	8
Rocky Mountain House Art Club	Rky. Mtn. House	Oct. 8-Apr.	1	15
Red Deer Art Club	Red Deer	Oct. 21-Apr.	21	16
Stettler Art Club	Stettler	Oct. 6-Apr.	20	30
Vermilion Art Club	Vermilion	Sept. 29-Apr.	27	19
Viking Art Club	Viking	Nov. 19-Apr.	22	7
Wainwright Art Club	Vulcan	Oct. 15-Apr.	15	17
Westlock Art Club	Wainwright	Oct. 22-Mar.	11	15
	Westlock	Oct. 11-Apr.	21	19
	Wetaskiwin	Oct. 9-Apr.	2	22
			20	19
Plastic Arts	Edmonton	Apr. 2-June	4	7
Sculpture	"	Mar. 29-June	7	40
Ceramics	"	Mar. 31-June	9	25
Ceramics	"	Sept. 27-Mar.	16	12
Ceramics	"	Oct. 12-Mar.	31	65
Ceramics I	"	Sept. 29-Mar.	19	12
Ceramics II	"	Oct. 1-Mar.	19	65
Sculpture I	"	Oct. 1-Mar.	19	78
Ceramics	"	Jan. 5-Mar.	9	14
			33	7
BUSINESS OR TECHNICAL				
Certificate Programmes				
Management Development Program				
Management Accounting & Financial Controls, Section I		Oct. 25-Apr.	25	51
Management Accounting & Financial Controls, Section II		Oct. 25-Apr.	25	50
Management Accounting & Financial Controls		Oct. 19-Apr.	25	50
Canadian Economic Development	Lethbridge	Oct. 13-Apr.	20	51
Business Organization & Administration, Section I	Edmonton	Oct. 14-Apr.	28	38
Business Organization & Administration, Section II	"	Oct. 25-Apr.	28	39
Business Finance	"	Oct. 19-Apr.	19	50
Commercial Law	"	Oct. 19-Apr.	19	50
Personnel Administration	"	Oct. 20-Apr.	20	36
Marketing	"	Oct. 25-Apr.	25	35
Production Management	"	Oct. 14-Apr.	21	24
Personnel Administration				
Basic Economics				
The Personnel Function, Section I	Edmonton Personnel Association,	Sept. 13-Jan.	6	34
The Personnel Function, Section II	and Faculty of Commerce and	Sept. 15-Jan.	5	37
	Business Administration	Jan. 10-Apr.	25	36

Business Organization
Human Relations

Fellows' Course in Banking
Fundamentals of Accounting

Public Administration

Assessment Principles
Assessment Principles
Assessment Principles
Assessment Principles
Local Government Functions
Local Government Functions
Local Government Functions
Local Government Accounting
Local Government Accounting
Local Government Accounting
Local Government Accounting
Municipalities Planning
Municipalities Planning
Municipalities Planning
Assessment Uniformity
Assessment Uniformity

Canadian Bankers Association

Department of Municipal Affairs,
Department of Education, Union
of Alberta Municipalities,
Alberta Association of
Municipal Districts, Alberta
Association of Municipal
District Secretary-Treasurers,
Urban Secretary-Treasurers
Association, Alberta School
Trustees Association, School
Business Officials of Alberta

Fairview
Edmonton
Red Deer
Calgary
Lethbridge
Edmonton
Red Deer
Calgary
Lethbridge
Edmonton
Gr. Prairie
Red Deer
Calgary
Lethbridge
Fairview
Edmonton
Calgary
Red Deer
Edmonton
Calgary

Jan. 11-Apr. 26
Jan. 12-Apr. 27

Oct. 5-Apr. 19

25 5
25 22
25 5
25 14
25 5
25 12
25 11
25 10
25 7
25 12
25 5
25 5
25 6
25 4
25 5
25 15
25 8
25 5
25 8
25 4

Real Estate

1st Year
2nd Year
3rd Year

Alberta Real Estate Association
Canadian Institute of Realtors
University of Toronto

Edmonton
Edmonton
Red Deer
Edmonton

40 22
40 11
40 9
40 8

Registered Industrial Accountants

Accounting I, Section I
Accounting I, Section II
Accounting I, Section III
Accounting I, Section IV
Industrial Legislation, Section I
Industrial Legislation, Section II
Industrial Legislation, Section III
Industrial Legislation, Section IV
Accounting II, Section I
Accounting II, Section II
Accounting II, Section III
Report Writing, Section I
Report Writing, Section II
Report Writing, Section III
Report Writing, Section IV

Society of Industrial & Cost
Accountants of Alberta

Oct.-Apr.

40 43
40 43
40 44
40 44
40 42
40 44
40 44
40 43
40 31
40 33
40 32
20 30
20 31
20 33
20 30

Table I—Continued

Sponsor	Location	Period	Hours since	Attend-
Managerial Statistics—Section I	"	"	20	44
Managerial Statistics—Section II	"	"	20	40
Accounting III, Section I	"	"	20	30
Accounting III, Section II	"	"	20	28
Advanced Cost Accounting	"	"	40	69
Industrial Organization & Management	"	"	40	36
Accounting IV	"	"	24	52
Other Business or Technical Education				
A First Look at Computers, Section I	"	Aug. 23-Sept. 13	6	20
A First Look at Computers, Section II	"	Aug. 25-Sept. 15	6	20
A First Look at Computers, Section III	"	Oct. 4-Oct. 25	6	20
A First Look at Computers, Section IV	"	Oct. 6-Oct. 27	6	20
Fundamentals of Computer Programming, Section I	"	Sept. 20-Dec. 13	26	21
Fundamentals of Computer Programming, Section II	"	Sept. 21-Dec. 14	26	21
Fundamentals of Computer Programming, Section III	"	Sept. 22-Dec. 15	26	20
Fundamentals of Computer Programming, Section IV	"	Jan. 17-Apr. 11	26	21
Fundamentals of Computer Programming, Section V	"	Jan. 24-Apr. 18	26	20
Computer Programming for Engineers	"	Sept. 21-Dec. 14	26	25
Assn' of Professional Engineers of Alberta	"	Jan. 19-Mar. 30	38	15
Commercial Computer Applications	"	Jan. 18-Mar. 29	38	14
Engineering Commercial Computer Appl.	"	Oct. 18-Oct. 19	16	28
Sales Management Seminar	"	Jan. 17-Apr. 4	27	32
Sales Management	"	Oct. 7-Jan. 20	28	17
Statistics for Businessmen	"	Feb. 3-Feb. 23	14	23
Labour Relations for Supervisors	"	May 2-May 7	45	36
Administrators	"	Jan. 26-Mar. 30	20	105
Managing Investments	Red Deer	Oct. 21-Dec. 2	12	31
Managing Investments	"	Jan. 20-Mar. 24	20	19
Commercial Law	Edmonton	Oct. 3-Dec. 13	24	24
Petroleum Geology	"	Oct. 25-Dec. 8	28	38
Prospecting Field Trip	Uranium City	May 28-May 31	30	25
Prospectors for Petroleum Landmen	"	Mar. 13-Mar. 19	40	28
Seminar for Petroleum Landmen	Banff	Apr. 19-Apr. 24	37	21
Work Study Short Course	Edmonton	Apr. 29	7	50
Operations Research	"	Apr. 22-Apr. 26	20	48
Home Gardening & Landscaping	Red Deer	Feb. 22-Apr. 26	20	18
Home Gardening & Landscaping	"	Feb. 22-Apr. 26	20	18
Fundamentals of Farm Bookkeeping	Edmonton	Oct. 9-Dec. 11	30	95
Preparation of Instructional Material	"	Jan. 20-Jan. 22	10	11
Audio Visual Communication Workshop	"	"	"	"
Municipal Refresher Course	"	"	"	"
Department of Municipal Affairs, Alberta Association of Municipal District Secretaries-Treasurers, Urban Secretary-Treasurers Ass'n	Banff	June 14-June 16	18	270

School Administration Refresher Course
 Department of Education,
 Alberta School Trustees Ass'n,
 Department of Municipal Affairs,
 School Business Officials of
 Alberta

June 17-June 19 18 220

Professional Education

Continuing Professional Education for Teachers

Chemistry
 Physics
 Mathematics, Section I
 Mathematics, Section II
 Biology
 Linguistics

Edmonton
 " "
 " "
 " "
 " "

July 26-Aug. 13 90 31
 Aug. 2-Aug. 20 82 17
 July 5-July 23 75 51
 Aug. 9-Aug. 27 75 40
 July 5-July 23 90 16
 July 5-July 16 50 36

Pharmacy

Continuing Education for Pharmacists Alberta Pharmaceutical Ass'n

May 16-May 21 32 37

Law

Continuing Legal Education
 Continuing Legal Education

Law Society of Alberta

"
 Calgary

May 17-May 18 14 20
 May 20-May 21 14 20

Engineering

Illuminating Design
 Solid State Circuit Design I
 Solid State Circuit Design I
 Mathematics for Engineers
 Critical Path Scheduling
 Short Course in C.P.M. (PERT)
 Short Course in C.P.M. (PERT)
 Short Course in C.P.M.
 Symposium on Microwave Power

Edmonton
 " "
 " "
 " "
 " "
 Calgary
 Edmonton
 " "

Oct. 5-Dec. 21 24 15
 Oct. 12-Dec. 14 20 13
 Jan. 18-Apr. 5 25 27
 Feb. 23-Apr. 27 20 35
 Nov. 15-Jan. 31 16 22
 Jan. 31-Mar. 21 16 28
 Apr. 6-Apr. 9 32 20
 Apr. 13-Apr. 15 32 20
 Mar. 23-Mar. 25 23 38
 Mar. 24-Mar. 25 15 89

Geology

National Conference on Earth Science
 Alberta Society of Petroleum Geologists

May 9-May 13 35 58

Dietetics

Management Workshop for Dieticians
 Alta. Registered Dieticians Ass'n

Oct. 12-Oct. 15 21 22

Medicine

Biostatistics

Feb. 8-Apr. 12 20 18

Agriculture

Fertilizer and Plant Nutrition
 A Study in Alberta Soils I
 Faculty of Agriculture, Soils

Red Deer
 Edmonton

Jan. 11-Mar. 22 20 69
 Jan. 11-Mar. 1 15 28

Table I—Continued

Sponsor	Location	Period	Hours
A Study in Alberta Soils II	"	Feb. 17-Apr.	7
Cattlemen's Course	Banff	Nov. 29-Dec.	3
Feed Industry Conference	Red Deer	Nov. 25-Nov.	26
HUMAN RELATIONS, SUPERVISION, LEADERSHIP TRAINING			
Supervisory Practices	Edmonton	Oct. 6-Mar.	2
Rural Leadership Techniques	Banff	Jan. 17-Jan.	28
Rural Leadership Techniques	"	Feb. 21-Mar.	4
Community Development Conference	"	Nov. 2-Nov.	5
Western Canadian Farm Leaders Conference	"	Mar. 21-Mar.	25
Better Boards and Committees	Edmonton	Mar. 11-Mar.	12
Human Factors in Management & Supervision	"	Oct. 6-Dec.	8
Human Factors in Management & Supervision	"	Jan. 12-Mar.	16
Family Relationships in Modern Society	"	Jan. 11-Mar.	15
Supervision in the Hospital	"	Oct. 8-Mar.	14
Interviewing & Counselling	"	Oct. 14-Dec.	16
Interviewing & Counselling	"	Jan. 13-Mar.	17
Developing Leadership & Supervisory Skills	"	Jan. 11-Mar.	15
Group Process Institute	Hinton	May 9-May	19
Group Process Institute	Banff	May 9-May	19
Institute on Effective Leadership	Lethbridge	Sept. 19-Sept.	29
Institute on Effective Leadership	Gr. Prairie	Jan. 13-Jan.	14
Institute on Effective Leadership	Red Deer	Jan. 17-Jan.	18
Communication in Supervision	Edmonton	Jan. 20-Jan.	21
Group Process Seminar	"	Mar. 21-Mar.	23
Group Process Seminar	"	Feb. 25-Feb.	27
Workshop on Community Social Work	"	Nov. 12-Nov.	14
Workshop on Community Social Work	"	June 10-June	11

TABLE II—Statistical Information, Extension Library

Circulation of Books

Open Shelf

	1964-65	1965-66	Difference
Adults books (including periodicals and sets of pamphlets)	90,125	99,154	9,029
Children's books	45,597	47,191	1,594
	<u>135,722</u>	<u>146,345</u>	<u>10,623</u>

Travelling Libraries

Number of Travelling Libraries:

	1964-65	1965-66
Adult	49	48
Mixed	12	17
Children's	3	7
	<u>64</u>	<u>72</u>

Circulation	2,754	3,072	318
Banff School	294	160	—134
Total Circulation	<u>138,770</u>	<u>149,577</u>	<u>10,807</u>

Memberships

April 1, 1965 to March 31, 1966	2,066
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Collection

Number of books at April 1, 1965	59,045
Acquisitions during the year	2,863
Withdrawals during the year	<u>598</u>
	<u>2,265</u>
Numbers of books at March 31, 1966	<u>61,310</u>

TABLE III—Statistical Information, Division of Visual Instruction

April, 1965 to March, 1966

Number of Motion Picture Films in Library:

8mm	148
16mm	3,476
Total Motion Picture Films in Library	3,624
Total Motion Picture Films Added to Library 1965-66	287
Number of Films Withdrawn Due to Obsolescence	160
Number of Filmstrips in Library	2,750
Number of Slide Sets in Library	33
Number of Records in Library	1,355
Number of Tapes in Library	28
Number of Pieces of Audio Visual Equipment Available for Loan or Rental	106

STUDENT REGISTRATION

in University Continuing Education

LIBERAL ARTS

Science	139
Modern Languages & Literature	513
Philosophy and Religion	257
Household Economics	153
Social Sciences	309
History & Public Affairs	389
High School Enrichment	444

2,204

FINE ARTS

Music	115
Drama	54
Drawing & Painting	1,712
Plastics Arts	94

1,975

BUSINESS OR TECHNICAL

Certificate Programmes

Management Development	408
Personnel Administration	186
Fellows' Course in Banking	35
Public Administration	168
Real Estate	50
Registered Industrial Accountants	866

1,713

Other Business or Technical

Education 1,395

Professional

Education	191
Pharmacy	37
Law	40
Engineering	307
Geology	58
Dietetics	22
Medicine	18
Agriculture	275

948

HUMAN RELATIONS, SUPERVISION, LEADERSHIP TRAINING

682

8,917

AUDIO-VISUAL MATERIALS CIRCULATION

April, 1965 to March, 1966

	Intra-Mural	Extra-Mural	Total 1965-66	Total 1964-65
Number of 8mm Motion Picture Subjects Circulated	7	167	174	240
Number of 16mm Motion Picture Subjects Circulated	2,143	11,044	13,187	14,312
Total Number Reels of 16mm Motion Picture Films Circulated	5,104	22,341	27,445	27,683
Number of Filmstrips Circulated	152	2,108	2,260	4,789
Number of Records Circulated		7,911	7,911	6,457
Number of Record Lending Service Memberships		304	304	211
Number of Times Audio-Visual Equipment Supplied	1,061	528	1,589	1,427
Number of Times Projection Service Supplied	187	45	232	198
Number of Times Screening Room Facilities Used	164	51	215	364
Number of Orders Processed—Total Library			12,524	12,092



54TH ANNUAL REPORT

on

EXTENSION ACTIVITIES

1967

The University of Alberta

ANNUAL REPORT
on
Extension Activities of the University
of Alberta
for the year ending March 31st
1967

Published by
Department of Extension, The University of Alberta
Edmonton, Alberta

Annual Report on Extension Activities

of

THE UNIVERSITY OF ALBERTA

for the year ending March 31st, 1967

Dr. Walter H. Johns,
President,
The University of Alberta.

Dear Mr. President:

I have pleasure in presenting the fifty-fourth annual report on the extension activities of The University of Alberta for the year ending March 31st, 1967.

The twin concepts of teaching and research have become thoroughly embedded in the character of the North American university. But the factors of changing technology, human obsolescence, and radical societal change emphasize the requirement of the modern university to relate its resources vigorously to educational needs of its entire constituency. The University of Alberta has recognized its responsibility for extra-mural education and the report which follows is a review of some of the directions which the University of Alberta has taken in meeting its responsibility in continuing education.

The Department of Extension has three purposes. It serves to assist in identifying needs in the continuing education of mature adults. This it does in consultation with other university departments, voluntary organizations of the community and government. It seeks then to provide the vehicle by means of which this need can be served through harnessing the intellectual and other resources of the University and of the community. That device may be a conference, a short course, an evening class, a lecture series, a television programme, a group study session, or simply the provision of materials for independent study. Finally, the Department seeks to provide leadership to the Province in the development and the expansion of the Province's framework for continuing education.

LIBERAL EDUCATION

Sociologists observing a society dominated by technological advance speak of the "threat of leisure" and its possible consequences of "honky-tonk recreation, long, idle hours in front of the boob-tube, and tedious, wasteful, boring hours doing nothing . . ." A significant part, then, of the University's extension programme should, and does, lie in the area of the social sciences and the humanities.

The best consumers of education as offered in university extension programmes are the educated. Many of them are the graduates of this and other universities in Canada. Their interests, as Table 1 following suggests, lie in the languages, the fine arts, philosophy, religion, and public affairs. Day

and evening classes offering from thirty to forty hours of instruction in classes scheduled on a once-weekly basis is a typical format. Increasingly, supplementary materials other than text books, including films, video tapes, transparencies, and specially prepared discussion materials, comprise an important resource. It will be noted that modern language and literature continue to comprise an important part of the liberal studies programme and in particular, courses in French, German, Spanish, and Ukrainian. A strikingly effective class in Oral French makes particularly intensive use of a wide variety of newly developed teaching aids.

Continuing Education for Women, an afternoon programme designed especially for women graduates, appears after several years to be soundly established. The demanding nature of the programme attracts enthusiastic students and this, in turn, makes possible the accomplishment of a large amount of outside reading which is coupled with effective class discussion. One hundred and forty-one Edmonton women were registered in forty-hour courses in **Looking at Art, Philosophy of Civilization, The Novel in the Twentieth Century, Psychology**.

A programme of **Continuing Professional Education for Teachers**, now in its third year, offers up-dating in subject areas in which there are frequent curriculum changes. This non-credit series, offered in conjunction with the Faculty of Education and with the sponsorship of The Alberta Teachers' Association and the Alberta School Trustees' Association, included this year courses in **Social Studies, Mathematics, Chemistry, Physical Education, Electronic and Audio-Visual Language Teaching**. One hundred and thirty-eight Alberta teachers were registered, many of them assisted by district school boards.

The High School Enrichment Programme, now in its seventh year, brings to the University promising senior high school students who are interested in exploring subject areas in which they might make a career either at the University or in a technical institution. This programme is essentially an introduction to the resources of the University and N.A.I.T. through a lecture series in an extensive range of subjects coupled, where appropriate, with workshops and laboratory sessions. A total of five hundred and forty students were enrolled in this programme during the year.

Those courses which concern the application of the research findings from the fields of social and industrial psychology, social psychiatry, sociology and social anthropology are in increasing demand from individuals, private organizations and government. Of special significance among these are the **Annual Group Process Institutes** held in June and September this year, each over eleven day periods, at Jasper. Fifty students from business and the professions were registered in these residential sessions. The respective programmes were developed by the Department in consultation with a provincial advisory committee and directed by Dr. Hubert Coffey of the University of California, Los Angeles. Among other courses in this area in special demand are **Human Factors in Management and Supervision, Interviewing, Supervision and Leadership in the Hospital, Developing Leadership and Supervisory Skills. Communication in Supervision**, now in its fourth year, enrolled thirty students under the direction of Dr. D. C. Barnlund of San Francisco State College, California.

The development of programmes in public affairs is, since the University is a neutral agency in the community, a function of special importance. Sixteen public lectures were offered at Grande Prairie, Medicine Hat, Vermilion, Peace River, Cold Lake, Red Deer, Lethbridge, Wainwright, to audiences aggregating a thousand persons. An interesting project this year was the organization of fifty-six study discussion groups of some twelve hundred persons who, during the winter months, met to discuss the following topics: Changing Rural Activities, Farming—Occupation or Way of Life, The Farm Family and Institutions in the Rural Community, The Effects of Farm Technology on Agricultural Production, World Population and Distribution of Food, The Race Between Man and Resources. Twelve public seminars planned as a part of this programme were staffed by Dr. S. Pawluk, Professor T. A. Petersen, and Dr. Walter Rogers of the Faculty of Agriculture, Professor Ian Smith of the Department of Geography, and Mr. W. R. Meeks of the Provincial Department of Agriculture. A major conference undertaken by the Department was that on **Human Resource Development**, a five-day meeting in Banff attended by one hundred and nine participants. The central purpose of the Conference was that of exploring the role and concerns of government in human resource development. The proceedings of this Conference were the subject of extensive press, radio and television coverage.

BUSINESS, PROFESSIONAL AND TECHNICAL EDUCATION

No area of continuing education receives more enthusiastic support from industry and from government than that in business and industry. The potential obsolescence of human effort in business and industrial operation, a climate of more intense business competition, growth in the rate of corporate enterprise and more careful examination of the development of skilled manpower are some of the reasons which have contributed to the rapid growth of training programmes.

The response of the Department to the expressed need has been the development of a series of certificate programmes of a kind which require the sustained effort of the student through a variety of subjects over periods of from two to four years. During the year, nearly two thousand students were enrolled in such certificate programmes in management development, personnel administration, banking, local government, public administration, real estate practice, and accounting. A second kind of response has been that of short courses, classes and conferences, some designed specifically for narrow professional interests and others focussed on the needs of broader segments of the business and industrial community. Among these are programmes developed in co-operation with the related professional organizations in education, pharmacy, law, engineering, geology, dietetics and agriculture.

A **Certificate Programme in Management Development**, now in its sixth year, is offered jointly with the Faculty of Commerce and Business Administration under the guidance of an Advisory Committee representing both industry and the University. Nine courses, **Management Accounting, Canadian Economic Development, Business Finance, Business Organization, Personnel Administration, Commercial Law, Marketing, Production Management, Business Policy**, each of fifty hours duration, comprise the course content of this programme. The successful completion of six of these to the required standard

qualifies the student for a certificate. About 40% of the students in this programme are graduates, many of these from schools of engineering.

Other certificate programmes in which students were enrolled included **The Fellows' Course in Banking, Personnel Administration, Real Estate, and Blood Banking and Associated Techniques.**

A programme of **Continuing Education for Engineers**, developed in co-operation with the Faculty of Engineering and the Association of Professional Engineers, included refresher courses in subject areas in which the student may not have worked for some time, as for example in mathematics. Other courses in this series illustrate new technical aspects of engineering, and still others bridge engineering practice and business management. Illustrative of these approaches to continuing education for engineers were courses in **Mathematics** and in **Solid State Circuit Design** offered by Dr. J. B. Haddow and Dr. E. M. Edwards of the Department of Mechanical Engineering. Two programmes in **Critical Path Methods** were offered under the leadership of Dr. J. Fondahl of Stanford University, California, and three sections of a course, **Contract Law for Engineers**, were conducted by Professors A. R. Thompson and D. T. Anderson of the Faculty of Law, and Mr. W. W. Geddes.

The Department again assumed responsibility for the sixth **Annual National Conference on Earth Science** in association with the Alberta Society of Petroleum Geologists. Consultants to this programme, each of them recognized international authorities, included Dr. John M. Hunt of the Woods Hole Oceanographic Institute of Massachusetts, Dr. Umberto Colombo of the Instituto di Richerche, Societa Montecatini of Novara, Italy, and Dr. G. D. Hobson of the Imperial College of Science and Technology, London, England.

For the fourth successive year, programmes of **Continuing Legal Education** were planned by the Department with the co-operation of the Law Society of Alberta and the Faculty of Law. Seventy-eight students attended these programmes which were scheduled in Edmonton and Calgary.

Dr. J. D. Mollard of Regina, Saskatchewan, an international authority in the field, undertook with his staff colleagues, the instruction of a week-long seminar in **Air Photo Interpretation** for forty-one engineers, foresters, and agriculturalists in Edmonton.

The impact of the computer in all aspects of the economy is evidenced by the nineteen courses in **Computing Science** offered to five hundred and four students in various occupations and for various purposes.

An important part of the extension programme is the work in local government training. The courses undertaken in this programme, now in its ninth year, were instituted in consultation with the Departments of Political Science and Economics in collaboration with the Department of Municipal Affairs, the Alberta Association of Municipal Districts, the Union of Alberta Municipalities, the Alberta School Trustees' Association, the Alberta Association of Municipal District Secretary-Treasurers, the Urban Secretary-Treasurers' Association of Alberta, the Alberta School Secretaries' Association, and the Alberta Assessors' Association. The growth of this programme is a reflection of the increased responsibilities assumed by local government together with vastly increased budgets. The certificate programmes in local government are of four years' duration. During the year, instruction in **Assessment Appraisal, Local Govern-**

ment, Business Affairs, and Local Government Accounting, was offered to one hundred and twenty-nine students. Coupled to these certificate programmes are annual conferences now in their eighteenth and nineteenth years respectively in **Municipal Administration** and **School Administration**. Four hundred and eighty-eight local government officers attended these overlapping four-day conference meetings.

A **Certificate Course in Public Administration** was established during the year. Its syllabus comprises eight courses: **Canadian Economic Problems, Social Movements, Government Organization and Operation, Administrative Theory and Practice, Public Finance, Human Relations, Government Accounting, Quantitative Methods**. Developed in co-operation with the Departments of Political Science and Economics of the University, the courses are directed towards civil servants from municipal, provincial and federal offices. Fifty-nine students were enrolled in the initial two courses of this programme.

For nearly twenty-five years the Department has co-operated with the Society of Industrial and Cost Accountants of Alberta, a provincial chapter of a national organization, in offering courses to qualify the student for the R.I.A. designation. Twenty-seven courses in this series were offered in which nine hundred and sixteen students enrolled during the year. Staff members of the University, with others of their colleagues across Canada, and representatives of the Society, are jointly responsible for development of the curriculum.

AGRICULTURAL EXTENSION

A continuing and important function of the University in agricultural extension is the preparation and distribution of agricultural publications of various kinds. These provide an effective channel through which current University research reaches the professional agrologist, the enquiring practical farmer, and the growing number of those connected with agri-business.

During the course of the year, the following publications have been printed and distributed:

- Bulletin S-M-2. Soils and Fertilizers for Gardens and Lawns
- Bulletin No. SS-6. Soil Survey of Cherry Point and Hines Creek
- Agricultural Economics Research Bulletin 1—Income Variation in Beef Production
- Agricultural Economics Research Bulletin 3—The Economic Benefits and Cost of Irrigation in Eastern Irrigation District of Alberta
- Agricultural Economics Research Bulletin 2—The People and Resources of Northeastern Alberta
- Agricultural Economics Technical Bulletin 1—Country Livestock Auctions and Market Performance
- Agricultural Economics Technical Bulletin 2—Technical Change on Fluid Milk Farms
- Agricultural Economics Special Report 1—Occupational Mobility of Farm People in the Bonnyville District
- Agricultural Economics Special Report 4—Role of Religion in Social and Economic Development
- Agricultural Economics Special Report 5—World Population and Distribution of Food

Reprinting of Department of Entomology Insect Leaflets:

Insect Information Leaflets

No. 105—Ants

No. 221—Insects and How to Collect Them

No. 260—Millipedes and Centipedes

No. 332—Cockroaches

No. 335—Camel Crickets

No. 360—Booklice or Psocids

No. 836—Some Insects and Related Pests of House Plants

No. 1020—Mites in Stored Grain and Feeds

No. 1055—The Black Carpet Beetle

Reprinting of Dairy Barn Sheet No. 1

Reprinting of Soil Zone Maps of Alberta

In preparation are:

Swine Production in Alberta

Rose Growing in Alberta

Soil Profile Series

Programmes in the area of technical agriculture were undertaken in co-operation with the Faculty of Agriculture, the Alberta Department of Agriculture, the Canada Department of Agriculture, and a variety of commodity organizations. Illustrative of these are the **Annual Cattlemen's Course** developed in conjunction with the Western Stock Growers' Association, of a week's duration in Banff. This programme was attended by thirty-two cattlemen and its consultants included Dr. O. M. Radostits, University of Saskatchewan, Dr. L. J. Sumption, Agricultural Research Station, Lethbridge, Mr. Clyde A. Fort of Lubbock, Texas, and Mr. Alex Johnson, Agricultural Research Station, Lethbridge.

The Western Canadian Farm Leaders' Conference is an annual residential programme of one week's duration attended, on invitation, by thirty to thirty-five senior officers of western Canadian farm organizations. The programme focuses on selected issues in agricultural economics, rural change, and politics. Consultants to the 1967 Conference included Dr. Knud Rasmussen, Danish Agricultural Marketing Board, Copenhagen; Dr. John A. Dawson, Economic Council of Canada, Ottawa; Dr. Arthur W. Wood, Department of Agricultural Economics, University of Manitoba; Dr. T. C. Pocklington and Dr. M. D. Stewart of The University of Alberta.

An important effort of the Department is the work in rural leadership training undertaken in conjunction with Alberta farm organizations. Forty-nine years ago the first **Annual Farm Young People's Week** was launched to enable aspiring young rural men and women to obtain a glimpse of campus life and the many careers towards which the University might point the way. Nearly six thousand of these have participated in this programme during these five decades of extraordinary rural change. The 1966 Week was attended by one hundred and eleven young men and women from northern and southern Alberta. The **Seventeenth Annual Leadership Techniques Course** and the **Tenth Annual Leadership Conference** are major events in the leadership training programme. These two week-long residential courses were attended this year by eighty-two students. Substantial contributions to these programmes, both in terms of financing and staff, are generously offered by the farm

organizations including the Alberta Wheat Pool, the United Grain Growers, the United Farmers of Alberta Co-operatives and the Farmers' Union of Alberta, whose co-operation, with that of the Faculty of Agriculture, the Faculty of Physical Education, the School of Nursing, the School of Household Economics, and the Alberta Department of Agriculture, is greatly appreciated.

FINE ARTS

The central emphasis in the University's extension programme in the Fine Arts lies in the visual arts through a vigorous programme of classes offered in Edmonton and throughout rural Alberta. In recent years, it is a matter of satisfaction to note that the students in this programme have been assisted by the provision of more adequate accommodation in Alberta communities and improved facilities for student painters. The University of Alberta in its reconditioning of a section of Corbett Hall has provided splendid studio accommodation and laboratory space.

The primary objectives of the extension programme in the visual arts are the fostering of an awareness of the arts and the development of the individual's potential for creativity and artistic judgment. Instruction is so arranged as to permit the student, as he is able, to experience a variety of media and techniques in the basic courses, progressing subsequently to concentration in a single area of his choice. Classes are limited in size and are supplemented with intensive short courses of a week's duration and with conference-exhibitions.

Thirty-four courses were held in Edmonton in **Drawing, Painting and Graphics** in which five hundred and forty-four students were enrolled. The Community Art Class Programme offered systematic instruction in Lacombe, Red Deer, Banff, Westlock, Ralston, Acme, Alliance, Athabasca, Bonnyville, Camrose, Cochrane, Didsbury, Drayton Valley, Drumheller, Fort Saskatchewan, Leduc, Nanton, Ponoka, Rocky Mountain House, Spirit River, Vegreville, Vermilion, Viking, Warner and Wetaskiwin, in which seven hundred and sixty-two students were registered.

Three intensive short courses of particular value to the more senior students in these classes were offered. These included a week-long **Drawing and Painting Workshop** under the direction of Herbert Seibner of Victoria, **Colour and Colour Control** instructed by Ron Dubois of Oklahoma State University, and **Drawing and Painting** under Jack Shadboldt of Vancouver.

Art conferences in Edmonton and in Banff served to bring students in the various classes together to see exhibitions of each other's work and to discuss matters of mutual concern.

The evening classes in **Ceramics and Sculpture** are important additions to the University's continuing education programme in the arts. One hundred and twenty-seven students were enrolled in seven classes in ceramics and an introduction to sculpture.

EXTENSION LIBRARY

A public library, "the people's university", has been called "a practical demonstration of democracy's faith in universal education as a life-long process".

For over half a century the Extension Library has offered public library service by mail to Albertans who do not have access to other library service. In addition, it has functioned to support continuing education programmes of the University through the provision of reading lists, books, and periodicals. This is an important service and in the opinion of those involved in the continuing education work of the Province, the development of a library and study centre, specifically for the adult student, is a matter of urgency.

The largest part of the Library's work continues to be its mail lending service. Circulation of books for the year under review totals one hundred and fifty-three thousand, an increase of about seven thousand over the previous year. Given the current scale of accommodation of the Library this is close to optimum capacity.

There is considerable and regular evidence that this service is warmly appreciated. A teacher writes of a semi-invalid pupil that:

"It did him great service to have these extra reading books supplement school reading when he was away so much of the time."

and

"I should like to tell you that I consider the service offered by the Extension Library to be the best thing I have found in Canada since arriving here from England just over a year ago."

The circulation of travelling libraries—the provision of boxes of thirty-five to forty books to isolated rural groups—remains at about the same figure, seventy, as the previous year. The book stock, after accessions and withdrawals, stands at 62,000 volumes.

A variety of related services is performed by the Library. These include the preparation of reading lists for conferences, such as the Conference on the Community College of the Canadian Federation of University Women, and the preparation of general reading lists on a wide variety of subjects. Frequently, personal guidance in reading is asked for and given. The reference service offered by the Library is used extensively. This year, as might be expected, information related to Canada's centennial celebrations was paramount in demand. Frequent borrowers through the medium of inter-library loans are the smaller public libraries in the Province, and the Yukon Regional Library.

THE EDUCATIONAL MEDIA DIVISION

Begun as an experimental service with the "magic lantern" and slides in 1916, the Visual Instruction Division (now called the Educational Media Division) has served the people of the Province for half a century. As Grant McLean, the Acting Film Commissioner of the National Film Board, has written of the Division:

"A half century of achievement is worthy of the highest praise in any endeavour, but to have reached this milestone in the relatively young field of film distribution, and especially audio-visual communication, is of particular significance. . . . It is organizations such as yours which have guaranteed success to the efforts of the National Film Board. The credit for the new awareness of the value of films to society and the continued enthusiasm over the years for this most powerful medium must go in large part to this institution which can be justifiably proud of its fifty years of service and leadership."

The Educational Media Division is responsible for the maintenance and distribution of the largest university-owned film collection in Canada and, as well, for the distribution of a variety of other types of materials and equipment. These grow in number. Apart from this lending service the Division assists the education-training programme of the Department and other organizations by its provision of special lesson materials.

Its development of training programmes in audio-visual communication is a significant part of the Division's work. The increasing interest in the wide variety of audio-visual materials and their use, dramatically illustrated by Expo 67, is evident both in education and in industry. Three courses in this area with enrolments totalling fifty-three, under the instruction of Professor J. A. Shaw of this Department, were undertaken during the year. The Division is heavily involved, in consultation with many provincial institutions and organizations, in problems relating to media and their application. With others of his colleagues in the Department, the Supervisor has taken a share of responsibility for the developmental work of the Metropolitan Educational Television Association and has assisted in planning the audio-visual communication needs of such institutions as Selkirk College in British Columbia, the Memorial University of Newfoundland, and the Museum and Archives of the Government of Alberta.

Circulation of reels of 16mm motion picture film increased by approximately ten per cent to 29,000. Filmstrip circulation has tended to decrease as other institutions in the Province develop their own libraries of these materials. Record circulation, including music, plays and talks, reached 8,723. It may be anticipated that since it now has access to a variety of specialized equipment, the Division will play an increasingly significant role in this very important field of education.

STAFF

During the year members of the staff of the Department of Extension have applied energy, imagination and skill to make possible the programmes outlined in this report. As has been noted above, members of the staff have rendered assistance in the establishment of the Metropolitan Edmonton Educational Television Association. An important development during the year in which members of the Department were especially involved was the planning of an M.A. Programme in Community Development which has now been approved by the Faculty of Graduate Studies and the General Faculty Council for commencement in 1967. The Assistant Director, G. A. Eyford, served as President of the Canadian Association of Directors of Extension and Summer School. All members of the staff on occasions during the year have served as resource persons to conferences and meetings of provincial organizations such as the Staff Training Conference of the Department of Agriculture, the North-West Regional Conference of the Alberta Hospital Association, and others. A limited number of research projects and publications have been undertaken by the staff during the course of the year, which are recorded elsewhere.

During the year, the Department accepted with regret the resignations of Mrs. Helen Sinclair of the Extension Library and of Professor T. A. Petersen. New appointments to the staff included Miss Amy Mary Elliott and Mrs. Lillian Stein. Associate Professor D. A. Bancroft took leave of absence to continue graduate work at the University of Syracuse during the year.

CONCLUSIONS

The modern university, as has been noted above, has an orientation to teaching and research and a commitment to intellectual leadership and debate in the community. A premise of the University's work in extension is that the University, in its application of standards of intellectual competence, should serve all students who can meet such standards, of whatever age. There are many individuals, it is becoming increasingly clear, who have the intellectual competence to profit from University work and the right to enjoy the University's resources.

This report suggests some of the ways in which the University is meeting its responsibility in providing leadership to the community in continuing, non-credit, short-term university adult education. In thus serving the community, the University serves itself.

Yours respectfully,
DUNCAN CAMPBELL,
Director of Extension.

TABLE I
COURSES, CLASSES AND CONFERENCES

LIBERAL ARTS	Sponsor	Location	Period	Hours	Attendance
Modern Languages and Literature					
Elementary Oral French		Edmonton	Oct. 4-May	16	34
Elementary Oral French		Red Deer	Oct. 18-Mar.	14	40
Intermediate Oral French		Edmonton	Oct. 3-May	15	25
Advanced Oral French		"	Oct. 4-May	16	120
Conversational French		"	Oct. 11-Mar.	7	30
Intermediate Conversational French		"	Oct. 12-Mar.	8	53
Spanish for Beginners		"	Oct. 3-Feb.	27	21
Intermediate and Advanced Spanish		"	Oct. 11-Mar.	7	40
Ukrainian for Beginners		"	Oct. 19-Mar.	15	39
Highlights of Ukrainian Literature		"	Oct. 4-Mar.	28	28
Russian for Beginners		"	Oct. 16-Mar.	30	15
Conversational Mandarin Chinese		"	Oct. 5-Mar.	29	36
Reading Scientific French		"	Oct. 31-June	13	23
Essentials of Good English		"	Jan. 5-Dec.	7	11
Effective Reading, Section I		"	Oct. 3-Feb.	27	13
Effective Reading, Section II		"	Oct. 17-Mar.	21	20
Written Business Communication		"	Jan. 17-Mar.	21	28
Writer's Workshop		"	Jan. 5-Mar.	1	15
Philosophy and Religion		"	Oct. 22-Nov.	19	26
Liberal Studies for Executives		Edmonton	Oct. 18-Mar.	9	15
Comparative Religion		"	Oct. 12-Feb.	1	8
The Novel and the 20th Century		"	Oct. 17-Apr.	13	30
Philosophy of Civilization		"	Oct. 13-Mar.	9	35
Looking at Modern Art		"	Oct. 12-Mar.	8	25
Introduction to Contemporary Philosophy, Section I		"	Oct. 11-Dec.	13	15
Introduction to Contemporary Philosophy, Section II		"	Jan. 24-Mar.	28	33
					37
Law					
Law and the Modern Woman, Section I		Edmonton	Oct. 11-Dec.	13	73
Law and the Modern Woman, Section II		"	Jan. 16-Mar.	20	15
					41
Science					
Archeology		Wetaskiwin	June 15-Sept.	30	15
Astronomy		Edmonton	Oct. 12-Dec.	14	23
Survey of Science		Edmonton	Oct. 19-Jan.	18	15
Basic Parasitology		"	Oct. 11-Dec.	13	14
Great Glacial Age		"	Oct. 11-Dec.	13	15
Physical Fitness for Men		"	Oct. 3-Dec.	12	20
Physical Fitness for Women		"	Jan. 16-Mar.	22	30
					23
	Faculty of Physical Education				

Table I—Continued

Sponsor	Location	Period	Hours	Attendance
Social Sciences				
Introduction to Sociology	Edmonton	Oct. 11-Dec.	13	30
Criminology	"	Oct. 11-Dec.	13	39
Indians of North America	"	Oct. 12-Jan.	25	17
Psychology, Continuing Education for Women	"	Oct. 12-Dec.	14	28
Psychology, Introduction Study of Human Behaviour	Red Deer	Oct. 17-Dec.	19	20
Introduction to Human Behaviour	Edmonton	Oct. 9-Mar.	13	11
Psychology of Personality, Section I	"	Jan. 3-Dec.	13	40
Psychology of Personality, Section II	"	Oct. 19-Mar.	23	60
Child Growth and Development	"	Jan. 4-Dec.	6	52
		Oct.	20	11
Household Economics				
Textiles	Edmonton	Oct. 11-Dec.	13	23
Home Management	"	Jan. 10-Mar.	14	20
Interior Design	"	Oct. 5-Mar.	1	27
Interior Design, Section I	Rimbey	Mar. 9-Apr.	27	93
Interior Design, Section II	Red Deer	Oct. 18-Dec.	16	16
Home Economics Today	Edmonton	Jan. 17-Mar.	7	26
		Nov. 22-Feb.	14	19
			15	42
History and Public Affairs				
Early Days in Western Canada	Edmonton	Oct. 11-Dec.	13	15
Towards World Civilization	"	Feb. 7-Apr.	25	55
Front Page This Week, Section I	"	Oct. 4-Dec.	13	18
Front Page This Week, Section II	"	Jan. 17-Mar.	28	14
Documentary—Four Films	"	Nov. 13-Feb.	12	19
Canada '67, Power, Politics and People	"	Oct. 14-Apr.	13	55
Economic Council of Canada	"	May 9-May	10	14
Human Resources Development	Banff	May 23-May	28	48
Western Business Consultation	Edmonton	Mar. 23	8	79
		Jan. 30-Mar.	2	14
			250	534
High School Enrichment Lecture Series				
Commerce, Chemistry, Biology, Elements	Strathcona County, Alberta			
of Theatre Art, Engineering, English	College, Fort Saskatchewan.			
Literature, Mathematics, Medicine,	Edmonton Public School Board,			
Modern Languages, Physical Education,	Edmonton Separate School Board,			
Political Science, Psychology, Physics	Protestant Separate School			
of the Solid State, Sociology,	District No. 6, St. Albert School			
WORKSHOPS: Armchair Geology, Black-	District No. 3			
smithing, Crystallography, Fluid				
Dynamics, Iconoclasm, Introduction to				
Gas Chromatography, Organic				
Physiology of Alberta, Some Aspects				
of Modern Fertilizer Chemistry,				
Weather Observations				
DEMONSTRATIONS: Automatic				
Telephone Exchange Demonstrations,				

Diesel and Automotive Laboratory
 Demonstrations, Industrial Electronic
 Systems, Medical Laboratory and X-Ray
 Technology, Modern Machine Tool
 Technology and Automation

FINE ARTS

Music

Enjoyment of Music
 What to Listen for in Music
 Sight Singing and Ear Training
 Early Keyboard Music

Edmonton 14 15 25
 Red Deer 18-Mar. 22 20 7
 Edmonton 20 21 21
 " 6-Apr. 10 15 20

Drama

Voice Production and Speech Arts

Edmonton 7 35 18

Drawing and Painting

Graphic Workshop
 Portrait and Life Painting
 Landscape Drawing and Painting, Section I
 Basic Drawing
 Landscape Drawing and Painting, Section II
 Landscape Drawing and Painting, Section III
 Color and Color Control
 Basic Drawing
 Landscape Painting

Edmonton 20 20 7
 " 21 24 17
 " 23 20 17
 " 25 20 18
 " 23 24 16
 " 10 45 17
 " 15 30 12
 " 29 30 21
 " 29 25 9
 " 16 28 19
 " 3 60 12
 " 3 60 22
 " 3 60 7

Graphic Workshop

Drawing and Painting Workshop
 Design I, Section I
 Design I, Section II
 Life Drawing, Section I
 Life Drawing, Section II

Edmonton 3 60 20
 " 3 60 20
 " 3 60 20
 " 21 72 18
 " 21 60 20
 " 22 60 11
 " 22 72 7
 " 22 30 20
 " 22 60 23
 " 22 60 28
 " 22 60 20
 " 23 60 23
 " 23 60 22
 " 23 72 18
 " 23 72 9
 " 24 60 11
 " 24 48 9
 " 25 60 19
 " 25 60 11
 " 25 30 19

Advanced Life Drawing and Painting

Drawing I
 Advanced Design II, Section I
 Advanced Design II, Section II
 Landscape Painting
 Painting I, Section I
 Painting I, Section II
 Portrait Painting II
 Fundamentals of Drawing and Painting, Section I
 Fundamentals of Drawing and Painting, Section II
 Painting II
 Painting III
 Print-Making
 Life Drawing and Painting
 Fundamentals of Drawing and Painting, Section III
 Fundamentals of Drawing and Painting, Section IV
 Landscape Painting

Table I—Continued

	Sponsor	Location	Period	Hours a week	Attendance
Drawing and Painting for Senior Students					
Lacombe Short Course		Lacombe	Apr. 11-Apr.	15	28
Red Deer Short Course in Portrait Painting	Red Deer Afternoon Class	"	May 30-June	2	12
	Red Deer Beginners Evening Class	Red Deer	May 18-May	20	15
	Red Deer Evening Class	Red Deer	Oct. 6-Apr.	6	33
		Red Deer	Oct. 5-Mar.	15	20
		Red Deer	Sept. 29-Apr.	6	50
		Red Deer	Sept. 14-May	15	20
Southern Alberta Art Conference		Banff	May 13-June	17	22
Landscape Short Course		Red Deer	July 4-July	8	18
Westlock Short Course		Westlock	Mar. 27-Mar.	31	23
Teaching Seminar for Assistant Art Instructors		Edmonton	July 8-July	10	12
Ralston Short Course		Ralston	Oct. 5-Mar.	15	40
Fundamentals of Drawing and Painting		Red Deer	Sept. 29-Apr.	27	13
Drawing and Painting I and II		"			
Community Art Classes					
	Acme Community Art Class	Acme	Oct. 25-May	3	33
	Busy Fingers Hobby Club	Alliance	Oct. 12-Apr.	5	18
	Athabasca Art Club (Short Course)	Athabasca	Mar. 10-Mar.	11	6
	Athabasca Art Club	Athabasca	Oct. 19-Apr.	19	18
	Bonnyville Art Club	Bonnyville	Oct. 7-Oct.	28	10
	Banff Community Art Club	Banff	Oct. 28-Apr.	12	37
	Banff Community Art Club	Banff	Sept. 30-Mar.	17	36
	Camrose Art Club	Camrose	Mar. 22	3	22
	Canmore Community Art Class	Canmore	Oct. 3-Apr.	3	33
	Cochrane Art Club	Cochrane	Oct. 18-Apr.	18	35
	Didsbury Art Club	Didsbury	Oct. 6-Mar.	30	18
	Drayton Valley Art Class	Drayton Val	Oct. 4-Apr.	4	18
	Drumheller Art Class	Drumheller	Oct. 10-Apr.	3	33
	Fort Saskatchewan Art Class	Ft Sask.	Oct. 6-Mar.	9	18
	The Lacombe Art Club	Lacombe	Oct. 4-Feb.	21	25
	Leduc Art Club	Leduc	Oct. 20-Mar.	30	18
	Medicine Hat Community Art Club	Medicine Hat	Oct. 14-Apr.	14	18
	Nanton Art Class	Nanton	Oct. 7-Mar.	10	18
	Ponoka Art Club	Ponoka	Feb. 17-Feb.	19	13
	Ralston Community Art Club	Ralston	Oct. 21-Oct.	23	18
	Rocky Mountain House Painting Club	Ralston	Oct. 16-Mar.	31	18
	Spirit River Art Club	Rky. Mtn. Hse.	Nov. 5-Apr.	12	19
	Stettler Art Club	Spirit River	Nov. 25-Apr.	14	25
	Laura Evans Reid Art Club	Vegreville	Nov. 28-Apr.	12	21
	Vermilion Community Art Club	Vermilion	Oct. 21-Apr.	21	20
	Viking Art Club	Viking	Oct. 27-Oct.	30	18
	Westlock Community Art Club	Westlock	Oct. 18-Apr.	20	16
	Wetaskiwin Art Club	Wetaskiwin	Oct. 8-Mar.	11	18
Plastic Arts					
Ceramics, Section I		Edmonton	May 5-June	23	40
					8

Ceramics, Section II	July 11-July	22	25	18
Ceramics, Section III	July 25-Aug.	25	25	15
Ceramics I, Section I	Sept. 19-Apr.	3	60	15
Ceramics I, Section II	Sept. 20-Mar.	21	60	16
Ceramics I, Section III	Sept. 20-Mar.	21	60	10
Ceramics II	Sept. 21-Mar.	22	60	13
Sculpture I	Sept. 23-Mar.	24	72	27

BUSINESS OR TECHNICAL

Certificate Programmes				
Management Development Program				
Commercial Law	Edmonton	17	50	35
Canadian Economic Development	Edmonton	12	50	38
Canadian Economic Development	Edmonton	12	50	19
Business Finance	Edmonton	12	50	39
Production Management	Edmonton	13	50	14
Marketing	Edmonton	17	50	33
Personnel Administration	Edmonton	11	50	41
Business Administration and Organization, Section I	Edmonton	11	50	33
Business Administration and Organization, Section II	Edmonton	12	50	37
Business Administration and Organization, Section III	Edmonton	12	50	35
Management Accounting and Financial Controls, Section I	Edmonton	17	50	50
Management Accounting and Financial Controls, Section II	Edmonton	13	50	40
Fellows' Course in Banking				
Fundamentals of Accounting	Edmonton	12	50	35
Commercial Law	Edmonton	17	50	33
Personnel Administration				
Basic Economics	Edmonton	19	15	37
Business Organization	Edmonton	20	15	41
Training and Development of the Work Force	Edmonton	22	15	37
Labour Economics, Section I	Edmonton	21	15	39
Labour Economics, Section II	Edmonton	19	15	38
Human Relations	Edmonton	17	15	40
Personnel Functions	Edmonton	18	15	39
Salary and Wage Administration	Edmonton	20	15	42
Public Administration				
Canadian Economic Problems	Edmonton	12	50	30
Social Movements	Edmonton	17	50	29
Local Government				
Assessment Appraisal	Peace River		25	9
Assessment Appraisal	Edmonton		25	27

Table 1—Continued

Sponsor	Location	Period	Hours	Attendance
Assessment Appraisal	Calgary		25	18
Local Government Business Affairs	Grande Prairie		5	8
Local Government Business Affairs	Edmonton		20	26
Local Government Business Affairs	Red Deer		20	17
Local Government Business Affairs	Lethbridge		20	6
Local Government Accounting	Correspondence			18
Real Estate	Edmonton	Oct.-Apr.	40	19
2nd Year	"	"	40	9
3rd Year	"	"		
Registered Industrial Accountants	Edmonton	"	40	37
Accounting I, Section I	"	"	40	37
Accounting I, Section II	"	"	40	36
Accounting I, Section III	"	"	40	38
Accounting I, Section IV	"	"	40	37
Accounting I, Section V	"	"	40	35
Industrial Legislation, Section I	"	"	40	36
Industrial Legislation, Section II	"	"	40	36
Industrial Legislation, Section III	"	"	40	38
Industrial Legislation, Section IV	"	"	40	35
Industrial Legislation, Section V	"	"	40	34
Accounting II, Section I	"	"	40	37
Accounting II, Section II	"	"	40	39
Accounting II, Section III	"	"	44	33
Accounting III, Section I	"	"	44	31
Report Writing, Section I	"	"	20	32
Report Writing, Section II	"	"	20	33
Report Writing, Section III	"	"	20	32
Report Writing, Section IV	"	"	20	31
Report Writing, Section V	"	"	20	36
Managerial Statistics, Section I	"	"	20	34
Managerial Statistics, Section II	"	"	20	32
Managerial Statistics, Section III	"	"	20	31
Managerial Statistics, Section IV	"	"	20	23
Managerial Statistics, Section V	"	"	20	32
Industrial Organization and Management, Section I	"	"	40	29
Industrial Organization and Management, Section II	"	"	40	29
Other Business or Technical Education	Edmonton	Sept. 13-Oct.	11	8
A First Look at Computers, Section A	"	Sept. 14-Oct.	12	8
A First Look at Computers, Section B	"	Nov. 15-Dec.	13	52
A First Look at Computers, Section C	"	Nov. 16-Dec.	14	40
A First Look at Computers, Section D	"	Jan. 9-Feb.	14	45
A First Look at Computers, Section E	"		6	

Table I—Continued

Table I—Continued						
	Sponsor	Location	Period	Hours	Attendance	
Newspaper for High School English Teachers	"	"	Mar. 18	6	30	
	"	Vermilion	May 2-June 14	180	28	
Orientation Course for Uganda Teachers						
Pharmacy Continuing Education for Pharmacists	Alberta Pharmaceutical Ass'n	Edmonton	May 15-May 20	30	35	
Law Continuing Legal Education	Law Society of Alberta and Faculty of Law	Edmonton	Nov. 14-Nov. 16-Nov. 17	15 12 12	37 41	
Continuing Legal Education		Calgary				
Engineering Civil Engineering	Department of Civil Engineering	Edmonton	Jan. 17-Mar. 21	20	16	
Contract Law for Engineers, Section I	Ass'n of Professional Engineers	"	Apr. 22-Apr. 23	11	32	
Contract Law for Engineers, Section II	"	"	Apr. 25-Apr. 26	11	30	
Contract Law for Engineers, Section III	"	"	Nov. 4-Nov. 5	10	29	
Sedimentary Petrography	"	"	Oct. 12-Dec. 14	25	17	
Mathematics for Engineers	"	"	Oct. 12-Dec. 14	20	23	
Solid State Circuit Design I	Ass'n of Professional Engineers	"	Oct. 11-Dec. 13	20	23	
Technology of Plain Concrete	Dept of Civil Engineering and Ass'n of Professional Engineers	"	Jan. 18-Mar. 22	20	7	
Asphalt and Asphalt Mixtures	"	"	Jan. 23-Mar. 27	20	20	
Shear Strength of Soils	"	"	Jan. 19-Mar. 21	20	19	
Critical Path Methods, Section I	"	"	Jan. 23-Mar. 6	18	21	
Critical Path Methods, Section II	"	"	Mar. 27-Mar. 31	21	32	
Method Improvement Techniques for Construction Engineers	"	"	Mar. 29-Mar. 28	14	19	
Computing Science for Engineers	Ass'n of Professional Engineers and Chemical Institute of Canada	"	June 2-June 4	21	40	
Illuminating Design	"	"	Oct. 5-Dec. 21	24	17	
Geology National Conference on Earth Science	Alta. Society of Petroleum Geologists	Banff	May 8-May 13	36	58	
Petroleum Geology		Edmonton	Oct. 3-Dec. 19	24	18	
Dietetics Budgeting Food Service Operations	Alta. Reg. Dieticians Ass'n	Edmonton	Oct. 31-Nov. 2	17	20	
Agriculture Horticulture Week	Alberta Horticultural Ass'n and Faculty of Agriculture	Olds	Aug. 8-Aug. 13	40	85	
Analytical Methods for Farm Equipment		Edmonton	Jan. 10-Mar. 14	15	11	
Study in Alberta Soils, Section I		Edmonton	Feb. 7-Apr. 24	18	20	
Study in Alberta Soils, Section II		"	Mar. 23-Apr. 20	18	23	
Pesticides Home Study Course	Correspondence	"			114	
Home Gardening and Landscaping					63	
Home Gardening and Landscaping	Alberta Dept. of Agriculture	Vegreville	Feb. 21-Apr. 25	15	15	
			Mar. 1-Mar. 3	20	25	

Cattlemen's Short Course
 Feed Industry Conference
 Western Canadian Farm Leaders
 Conference

Western Stock Growers Ass'n
 Feed Manufacturers Association
 Dept. of Agricultural Economics

Nov. 28-Dec. 36
 Nov. 4-Nov. 10
 Mar. 27-Mar. 32

HUMAN RELATIONS, SUPERVISION, LEADERSHIP TRAINING

Group Process Institute, Section I
 Group Process Institute, Section II
 Dynamics of Group Behaviour
 Communication and Leadership
 Communication in Supervision, Section I
 Communication in Supervision, Section II
 Communication in the Hospital
 Developing Leadership and Supervisory Skills
 Supervision and Leadership in the Hospital
 Human Factors in Management and Supervision
 Interviewing, Section I
 Interviewing, Section II
 Supervisory Practices
 Training of Trainers

Jasper
 " Ponoka
 Lethbridge
 Edmonton
 " "
 " "
 " "
 " "
 " "
 " "
 Banff

June 19-June 29
 Sept. 18-Sept. 28
 Apr. 15-May 12
 Apr. 28-Apr. 29
 Sept. 12-Sept. 14
 Jan. 23-Jan. 25
 Jan. 26-Jan. 28
 Jan. 17-Mar. 21
 Nov. 17-Mar. 20
 Oct. 6-Dec. 8
 Oct. 5-Dec. 7
 Jan. 18-Mar. 22
 Oct. 19-Mar. 15
 May 8-May 13

College of Education, University
 of Saskatchewan

Appraisal of Personnel
 Rural Leadership Techniques
 Rural Leadership Conference

F.U.A., U.F.A., A.W.P., U.G.G., A.D.A.
 F.U.A., U.F.A., A.W.P., U.G.G.
 A.D.A.

Edmonton Home and School Executive
 Workshop
 Post-Secondary Education Conference
 Farm Young People's Week

Edmonton
 Banff
 Banff

Dec. 9-Dec. 10
 Jan. 15-Jan. 27
 Feb. 19-Mar. 3

Edmonton Council, Home and School

Edmonton

Sept. 24

Nov. 28-Nov. 30
 June 22-June 29

"

"

TABLE II—Statistical Information, Extension Library

CIRCULATION OF BOOKS

	1965-66	1966-67	Difference
<i>Open Shelf</i>			
Adult books (including periodicals and sets of pamphlets)	99,154	100,833	1,679
Children's books	47,191	52,182	4,991
	<u>146,345</u>	<u>153,015</u>	<u>6,670</u>
<i>Travelling Libraries</i>			
No. of Travelling Libraries:			
	1965-66	1966-67	
Adult	48	51	
Mixed	17	15	
Children's	7	4	
	<u>72</u>	<u>70</u>	
Circulation	3,232	4,529	1,297
<i>Total Circulation</i>	<u>149,577</u>	<u>157,544</u>	<u>7,967</u>

COLLECTION

No. of books at April 1, 1966	61,310
Accessions during the year ..	1,724
Withdrawals during the year	587
	<u>1,137</u>
No. of books at March 31, 1967	<u>62,447</u>

TABLE III—Statistical Information, Division of Visual Instruction
April 1966 to March 1967

Number of Motion Picture Films in Library:	
8mm	148
16mm	3,475
Total Motion Picture Films in Library	3,623
Total Motion Picture Films Added to Library 1966-67	141
Number of Films Withdrawn Due to Obsolescence	142
Number of Filmstrips in Library	2,667
Number of Slide Sets in Library	34
Number of Records in Library	1,666
Number of Tapes in Library	32
Number of Pieces of Audio-Visual Equipment Available for Loan or Rental	113

STUDENT REGISTRATION
in University Continuing Education

LIBERAL ARTS

Modern Languages and Literature	436	
Philosophy and Religion	207	
Law	114	
Science	111	
Social Sciences	262	
Household Economics	239	
History and Public Affairs	358	
High School Enrichment Lecture Series	534	
		2,261

FINE ARTS

Music	73	
Drama	18	
Drawing and Painting	1,432	
Plastic Arts	122	
		1,645

BUSINESS OR TECHNICAL

Certificate Programmes

Management Development Program	414	
Fellows' Course in Banking	68	
Personnel Administration	313	
Public Administration and Local Government	188	
Real Estate	28	
Registered Industrial Accountants	916	
		1,927

<i>Other Business or Technical Education</i>		1,630
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PROFESSIONAL

Education	196	
Pharmacy	35	
Law	78	
Engineering	351	
Geology	76	
Dietetics	20	
Agriculture	467	
		1,223

**HUMAN RELATIONS, SUPERVISION,
LEADERSHIP TRAINING**

812	812
	9,498

AUDIO-VISUAL MATERIALS CIRCULATION

April 1966 to March 1967

	Intra-Mural	Extra Mural	Total 1966-67	Total 1965-66
Number of 8mm Motion Picture Subjects Circulated	—	116	116	174
Number of 16mm Motion Picture Subjects Circulated	2,333	11,782	14,115	13,187
Total Number Reels of 16mm Motion Picture Films Circulated	5,388	24,416	29,804	27,445
Number of Filmstrips Circulated	203	1,634	1,837	2,260
Number of Records Circulated	578	8,145	8,723	7,911
Number of Record Lending Service Memberships	—	367	367	304
Number of Times Audio-Visual Equipment Supplied	1,029	637	1,666	1,589
Number of Times Projection Service Supplied	94	56	150	232
Number of Times Screening Room Facilities Used	204	81	285	215
Number of Orders Processed—Total Library	—	—	12,300	12,524

